Approved by OMB (Office of Management and Budget) 3060-0386
July 2002

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000016497** | Submit Date: **10/26/2016** | Call Sign: **K51DW-D** | Facility ID: **18086** | FRN: **0026809657**
State: **Montana** | City: **DILLON**
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/02/2016** | Expiration Date:
Filing Status: **InActive**

## General Information

| Section | Question | Response |
|---|---|---|

## Fees, Waivers, and Exemptions

| Section | Question | Response |
|---|---|---|
| **Fees** | Is the applicant exempt from FCC application Fees? | No |
| | Indicate reason for fee exemption: | |
| **Waivers** | Does this filing request a waiver of the Commission's rule(s)? | No |
| | Total number of rule sections involved in this waiver request: | |

| Application Type | Fee Code | Fee Amount |
|---|---|---|
| Engineering STA | MGL | $190.00 |
| | **Total** | **$190.00** |

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **BLUESTONE LICENSE HOLDINGS INC.**<br>**Applicant**<br>Doing Business As: BLUESTONE LICENSE HOLDINGS INC. | 675 THIRD AVENUE<br>SUITE 2521<br>NEW YORK, NY 10017<br>United States | +1 (212) 710-7771 | RBONGARTEN@BONTENMEDIA.COM | Other |

### Authorization Holder Name

☐ Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

## Contact Representatives (2)

| Contact Name | Address | Phone | Email | Contact Type |
|---|---|---|---|---|
| **Michael P. Beder P. Beder**<br>COVINGTON & BURLING LLP | Michael P. Beder<br>One CityCenter<br>850 Tenth Street, NW<br>Washington, DC 20001<br>United States | +1 (202) 662-5138 | MBEDER@COV.COM | Legal Representative |
| **P.E. Joseph M. Davis M. Davis , P.E. .**<br>Chesapeake RF Consultants LLC | 207 Old Dominion Road<br>Yorktown, VA 23692<br>United States | +1 (703) 650-9600 | Joseph.Davis@RF-consultants.com | Technical Representative |

## Channel and Facility Information

| Section | Question | Response |
|---|---|---|
| Facility ID | 18086 | |
| State | Montana | |
| City | DILLON | |
| LPD Channel | 25 | |

## Antenna Location Data

| Section | Question | Response |
|---|---|---|
| **Antenna Structure Registration** | Do you have an FCC Antenna Structure Registration (ASR) Number? | No |
| | ASR Number | |
| **Coordinates (NAD83)** | Latitude | 45° 14' 20.8" N+ |
| | Longitude | 112° 40' 08.1" W- |
| | Structure Type | POLE-Pole used only to mount an antenna |
| | Overall Structure Height | 8 meters |
| | Support Structure Height | 8 meters |
| | Ground Elevation (AMSL) | 1785 meters |
| **Antenna Data** | Height of Radiation Center Above Ground Level | 8 meters |
| | Height of Radiation Center Above Mean Sea Level | 1793 meters |
| | Effective Radiated Power | 0.152 kW |

## Antenna Technical Data

| Section | Question | Response |
|---|---|---|
| **Antenna Type** | Antenna Type | Directional Custom |
| | Do you have an Antenna ID? | Yes |
| | Antenna ID | 96133 |
| **Antenna Manufacturer and Model** | Manufacturer: | SCA |
| | Model | 4DR-8-2HW |
| | Rotation | 90 degrees |
| | Electrical Beam Tilt | Not Applicable |
| | Mechanical Beam Tilt | Not Applicable |
| | toward azimuth | |
| | Polarization | Horizontal |
| **Elevation Radiation Pattern** | Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt? | No |
| | Uploaded file for elevation antenna (or radiation) pattern data | |
| | Out-of-Channel Emission Mask: | Simple |

### Directional Antenna Relative Field Values (Pre-rotated Pattern)

| Degree | Value | Degree | Value | Degree | Value | Degree | Value |
|---|---|---|---|---|---|---|---|
| **0** | 1 | **90** | 0.712 | **180** | 0.02 | **270** | 0.712 |
| **10** | 0.95 | **100** | 0.57 | **190** | 0.02 | **280** | 0.83 |
| **20** | 0.829 | **110** | 0.403 | **200** | 0.02 | **290** | 0.917 |
| **30** | 0.789 | **120** | 0.132 | **210** | 0.02 | **300** | 0.975 |
| **40** | 0.91 | **130** | 0.02 | **220** | 0.02 | **310** | 0.989 |
| **50** | 0.989 | **140** | 0.02 | **230** | 0.02 | **320** | 0.91 |
| **60** | 0.975 | **150** | 0.02 | **240** | 0.132 | **330** | 0.789 |
| **70** | 0.917 | **160** | 0.02 | **250** | 0.403 | **340** | 0.829 |
| **80** | 0.83 | **170** | 0.02 | **260** | 0.57 | **350** | 0.95 |

### Additional Azimuths

| Degree | $V_A$ |
|---|---|

## Certification

| Section | Question | Response |
|---|---|---|
| **General Certification Statements** | The Applicant 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 of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.). | |
| | The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1. 2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith. | |
| **Authorized Party to Sign** | **FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID**<br>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.<br>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503). | |
| | I certify that this application includes all required and relevant attachments. | Yes |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Randall D Bongarten D Bongarten**<br>*President*<br><br>10/26/2016 |

## Attachments

| File Name | Uploaded By | Attachment Type | Description |
|---|---|---|---|
| 16497.pdf | Internal | All Purpose | |
| D:\data\prod\cdbs\letters\A-2003927_F-18086_L-68820-0000016497.pdf | Internal | All Purpose | Requested: 11/02/16 10:13:28 |
| K51DW-D STA request statement 10-26-2016.pdf | Applicant | All Purpose | K51DW-D STA statement |