



(REFERENCE COPY - Not for submission)

Digital Companion Channel for LPTV Station Application

File Number: **0000001748** | Submit Date: **06/11/2015** | Call Sign: **KNEX-LP** | Facility ID: **40244** | FRN: **0007262348** | State:
Texas | City: **LAREDO**
Service: **LPD** | Purpose: **Digital Companion Channel BLTTL-20100827ABI** | Status: **Pending** | Status Date: **06/11/2015**
Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
EAGLE CREEK BROADCASTING OF LAREDO, L.L.C. Doing Business As: EAGLE CREEK BROADCASTING OF LAREDO, L.L.C.	Brian Brady 2111 UNIVERSITY PARK DRIVE SUITE 650 OKEMOS, MI 48864 United States	+1 (517) 347-4141	brady@northwestbroadcasting.com	Limited Liability Company

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
Dennis P. Corbett <i>Esq.</i> LERMAN SENTER PLLC	2000 K STREET, NW SUITE 600 WASHINGTON, DC 20006 United States	+1 (202) 429-8970	DCORBETT@LERMANSENTER.COM	Legal Representative
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650-9600	Joseph.Davis@RF-consultants.com	Technical Representative

Alien Ownership

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	No
2) Is the applicant subject to the provisions set forth under Section 310(b) of the Communications Act, for a broadcast, common carrier, aeronautical en route, or aeronautical fixed radio station Authorization?	Yes
3) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	No
4) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	No
5) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	No
6) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	No
7) Has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?	
8) Has there been any change in the applicant's foreign ownership since issuance of the declaratory ruling(s) cited in response to Question 7?	
8a) Enter the File or Docket Number of the Petition for Declaratory Ruling that the applicant has filed for its foreign ownership in connection with this application pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership declaratory ruling if the applicant attaches a showing that the requested authorization(s) is exempt from the provisions of Section 310(b)(4).	
9) Does the applicant's foreign ownership comply with the declaratory ruling(s) cited in response to Question 7?	

Basic Qualifying Questions

Section	Question	Response
Revoked Application	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	No
State or Federal Convictions	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	No

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	40244
	State	Texas
	City	LAREDO
	LPD Channel	13

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1051406
Coordinates (NAD83)	Latitude	27° 31' 13.0" N+
	Longitude	099° 31' 20.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	315.5 meters
	Support Structure Height	292.0 meters
	Ground Elevation (AMSL)	126.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	303.7 meters
	Height of Radiation Center Above Mean Sea Level	430.0 meters
	Effective Radiated Power	3 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Non-Directional
	Do you have an Antenna ID?	
	Antenna ID	1000699
Antenna Manufacturer and Model	Manufacturer:	GE
	Model	TY-70H
	Rotation	
	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

**Parties to the
Application (0)**

Information not provided.

**Attributable
Interest**

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

**Construction
Permit
Certifications**

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See Section 1.1306 of 47 C.F.R.)	No
Broadcast Facility	The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h)	Yes

**Legal
Certifications**

Section	Question	Response
Character Issues	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	
Adverse Findings	<p>Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?</p>	
Program Service Certification	<p>Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	
Local Public Notice	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	Yes
Equal Employment Opportunity (EEO)	<p>If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.</p>	
Auction Authorization	<p>If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.</p>	N/A
Rebroadcast Certification	<p>(For Applicants proposing rebroadcasts that are not the licensee of the primary station) Applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.</p>	Yes

Certification

Section	Question	Response
General Certification Statements	<p>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.).</p> <p>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.</p>	
Authorized Party to Sign	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p> <p>I certify that this application includes all required and relevant attachments.</p> <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Yes</p> <p>Brian W. Brady <i>President</i></p> <p>06/11/2015</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Interference Consent (2).pdf	Applicant	All Purpose	Interference Consent
KNEX-LP Ch-13 Digital Companion application ENG 06-11-2015.pdf	Applicant	All Purpose	KNEX-LP Engineering Exhibits

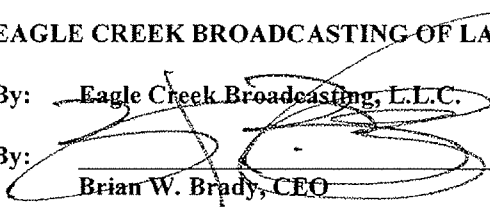
**Application for Digital Companion Channel for LPTV Station
KNEX-LP, Facility ID No. 40244, Laredo, Texas
Attachment**

Consent to Accept Interference

Eagle Creek Broadcasting of Laredo, L.L.C., licensee of television broadcast station KVTU(DT), FCC Facility ID No. 33078, Channel 13, Laredo, Texas, hereby agrees to accept interference to its licensed facility (BLCDD-20090619ABP) from the facilities proposed in the Application for Digital Companion Channel for LPTV Station for co-owned Station KNEX-LP, Facility ID No. 40244, Laredo, Texas, to which this Consent is attached.

EAGLE CREEK BROADCASTING OF LAREDO, L.L.C.

By:  Eagle Creek Broadcasting, L.L.C.

By:  Brian W. Brady, CEO

ENGINEERING EXHIBIT

Application for Low Power Television Digital Companion Construction Permit

prepared for

Eagle Creek Broadcasting of Laredo, LLC

KNEX-LP (DCC) Laredo, TX

Facility ID 40244

Ch. 13 (digital) 3 kW

Eagle Creek Broadcasting of Laredo, LLC (“*Eagle Creek*”) is the licensee of Low Power Television station KNEX-LP, analog Channel 55, Laredo, TX, Facility ID 40244 (BLTTL-20100827ABI). KNEX-LP is licensed¹ to operate as analog on Channel 55, and a Construction Permit (“CP” BDISDTL-20121116AMR) authorizes KNEX-LP to flashcut to digital operation on Channel 14 as a displacement from Channel 55. In lieu of constructing the flashcut facility, *Eagle Creek* herein seeks a new CP for a digital companion channel facility on Channel 13 to be associated with KNEX-LP. *Eagle Creek* will seek cancellation of the flashcut CP BDISDTL-20121116AMR contemporaneously with the filing of this application for a digital companion facility.

The proposed facility will employ an existing antenna system that is top-mounted on the tower structure which is associated with FCC Antenna Structure Registration number 1051406. No change to the overall structure height will result from this proposal.

The proposed facility will operate on Channel 13 as digital at 3 kW effective radiated power, nondirectional, using a “simple” out of channel emission mask. Figure 1 depicts the coverage contour of the proposed facility as well as that of the KNEX-LP licensed analog Channel 55 facility. The service area overlap shown demonstrates compliance with the requirements for a digital companion facility. The proposed site is 9.3 miles (15.0 km) from the licensed analog site, well within the 30 mile limit for a minor modification.

¹As required by FCC 11-110 (Second R&O in MB Docket 03-185 released July 15, 2011), the KNEX-LP Channel 55 operation ceased operation by December 31, 2011. KNEX-LP has operated pursuant to Special Temporary Authorization as digital on Channel 14 with reduced facilities to avoid a 12 month period of silence.

Detailed interference study per OET Bulletin 69² show that the proposal complies with the Commission's interference protection requirements toward all digital television, television translator, LPTV, and Class A stations. The results, summarized in Table 1, show that any new interference does not exceed the Commission's interference limits (0.5 percent to full power and Class A stations, and 2.0 percent to secondary stations) to any facility except for KVTM (Channel 13, Laredo, TX).

KVTM would receive 93.5 percent interference to its licensed facility (BLCDT-20090619ABP). *Eagle Creek* is also the licensee of KVTM and has agreed to accept this level of interference from KNEX-LP caused to KVTM. A copy of a consent statement is attached separately. As a practical matter, the interference is theoretical because KVTM and the proposed Channel 13 KNEX-LP facility will not operate simultaneously.

Accordingly, the proposed low power television digital companion facility complies with §74.793 regarding interference protection to digital television, low power television, television translator, and Class A television facilities.

The site proposed herein is within one kilometer of the border with Mexico and therefore is within the international coordination zone. Channel 13 at Laredo TX was allotted as a full-power channel in Appendix B of the MB Docket 87-268 Seventh Report and Order for the post-transition period. Channel 13 is in use at Laredo by *Eagle Creek's* KVTM. The proposed KNEX-LP digital companion facility will operate on Channel 13 with the same parameters as the licensed KVTM facility (same site, antenna height, and power). The use of Channel 13 at Laredo for digital LPTV will not require additional international coordination since it matches the full-power KVTM operation which has already been coordinated.

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 ("OET-69"). The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A cell size of 1 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission's implementation of OET-69 show excellent correlation.

The nearest FCC monitoring station is 162 km distant at Kingsville, TX. This exceeds the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with quiet zones specified in §73.1030(a) and (b). There are no authorized directional AM stations within 3 kilometers or nondirectional AM stations within 0.8 km of the site.

Human Exposure to Radiofrequency Electromagnetic Field

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. Based on OET-65 equation (10), and assuming the worst-case of 100 percent field in downward elevations, the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $1.1 \mu\text{W}/\text{cm}^2$, which is 0.6 percent of the general population/uncontrolled maximum permitted exposure limit. This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent. The calculated signal density will be even lower when the antenna's elevation pattern is considered.

The general public will not be exposed to RF levels attributable to the proposal in excess of the FCC's guidelines. RF exposure warning signs will be posted. With respect to worker safety, the applicant will coordinate exposure procedures with all pertinent stations and will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Engineering Exhibit
Eagle Creek Broadcasting of Laredo, LLC
(page 4 of 4)



Environmental matters covered by this exhibit are limited to the evaluation of exposure to RF electromagnetic field. The proposal involves use of an existing transmitting antenna. No change in structure height is proposed.

List of Attachments

Figure 1	Coverage Contour Comparison
Table 1	Interference Analysis Results Summary
Form 2100	Saved Version of Engineering Sections from FCC Form at Time of Upload

Chesapeake RF Consultants, LLC

Joseph M. Davis, P.E.	June 11, 2015	
207 Old Dominion Road	Yorktown, VA 23692	703-650-9600

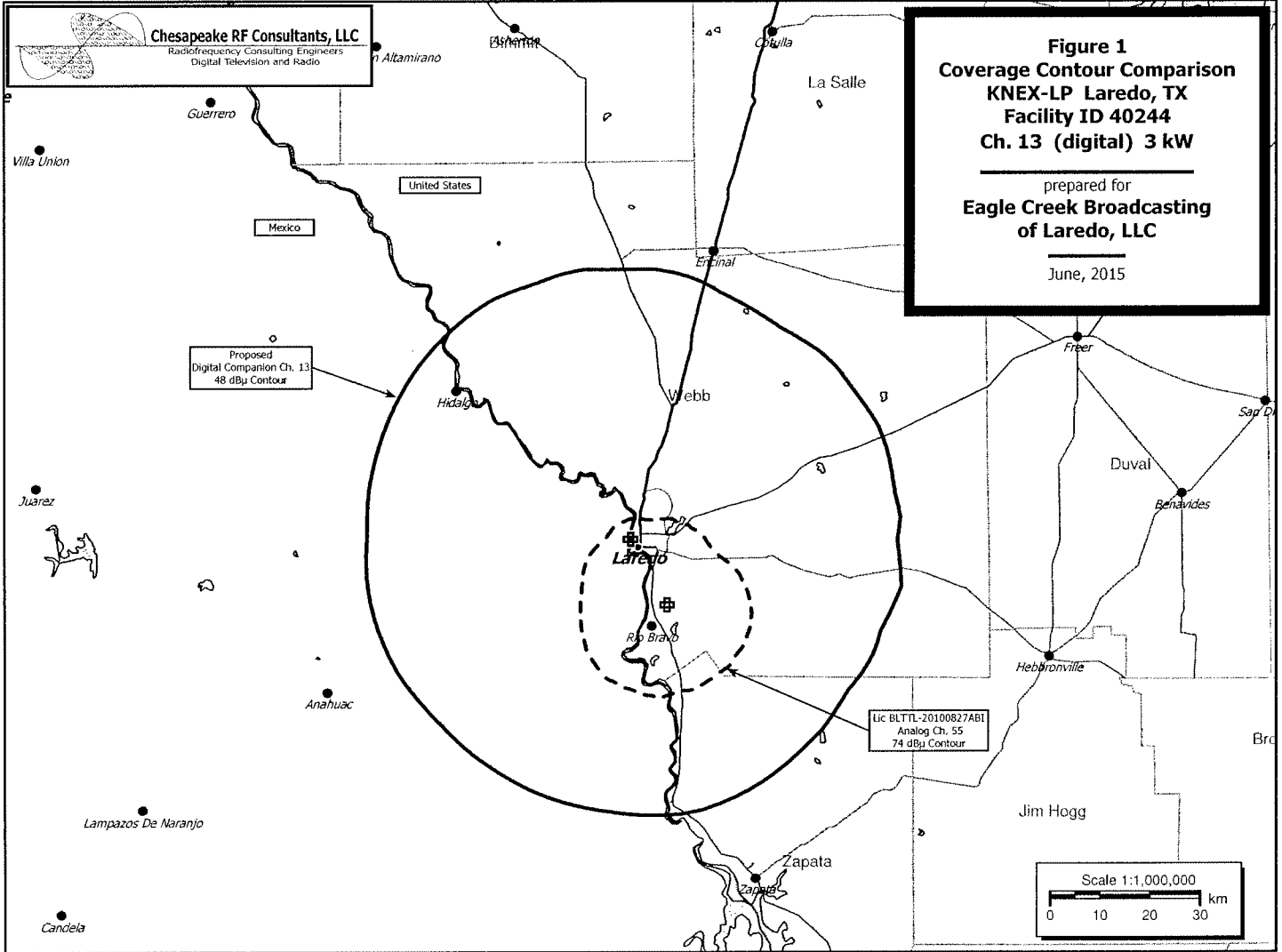


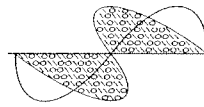
Table 1

Interference Analysis Results Summary

prepared for

Eagle Creek Broadcasting of Laredo, LLC

KNEX-LD Laredo, TX



Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

KNEX-LD	USERRECORD-01	LAREDO	TX US
Channel 13	ERP 3. kW	HAAT 285. m	RCAMSL 00430 m
SIMPLE MASK			
Latitude 027-31-11	Longitude 0099-31-18		
Nondirectional Antenna			

The LMS application requires NAD-83 coordinates. FCC internal systems then convert to NAD-27 and port over to CDBS for processing. This interference analysis utilizes truncated NAD-27 coordinates to replicate FCC processing.

Ch.	Call	City/State	Dist (km)	Status	Application Ref. No.	---Population (2000 Census)---	
						Baseline	New Interference
13	KWDT-LP	CORPUS CHRISTI TX	212.0	LIC	BLTVL-19950404IB	---	none
13	KRIS-TV	CORPUS CHRISTI TX	190.6	LIC	BLCDDT-20060628ABC	527,037	11 (0.00%)
13	KAKW-DT	KILLEEN TX	386.2	LIC	BLCDDT-20120625ABA	---	none
13	KVTV	LAREDO TX	0.0	LIC	BLCDDT-20090619ABP	199,756	186,819 (93.5%) *
13	KQVE-LD	SAN ANTONIO TX	231.0	LIC	BLDVL-20121004AAK	---	none
13	KRGV-TV	WESLACO TX	229.6	LIC	BLCDDT-20020904AAR	960,984	0 (0.00%)

* KVTV is accepting 93.5 percent interference from KNEX-LP.
See engineering statement.