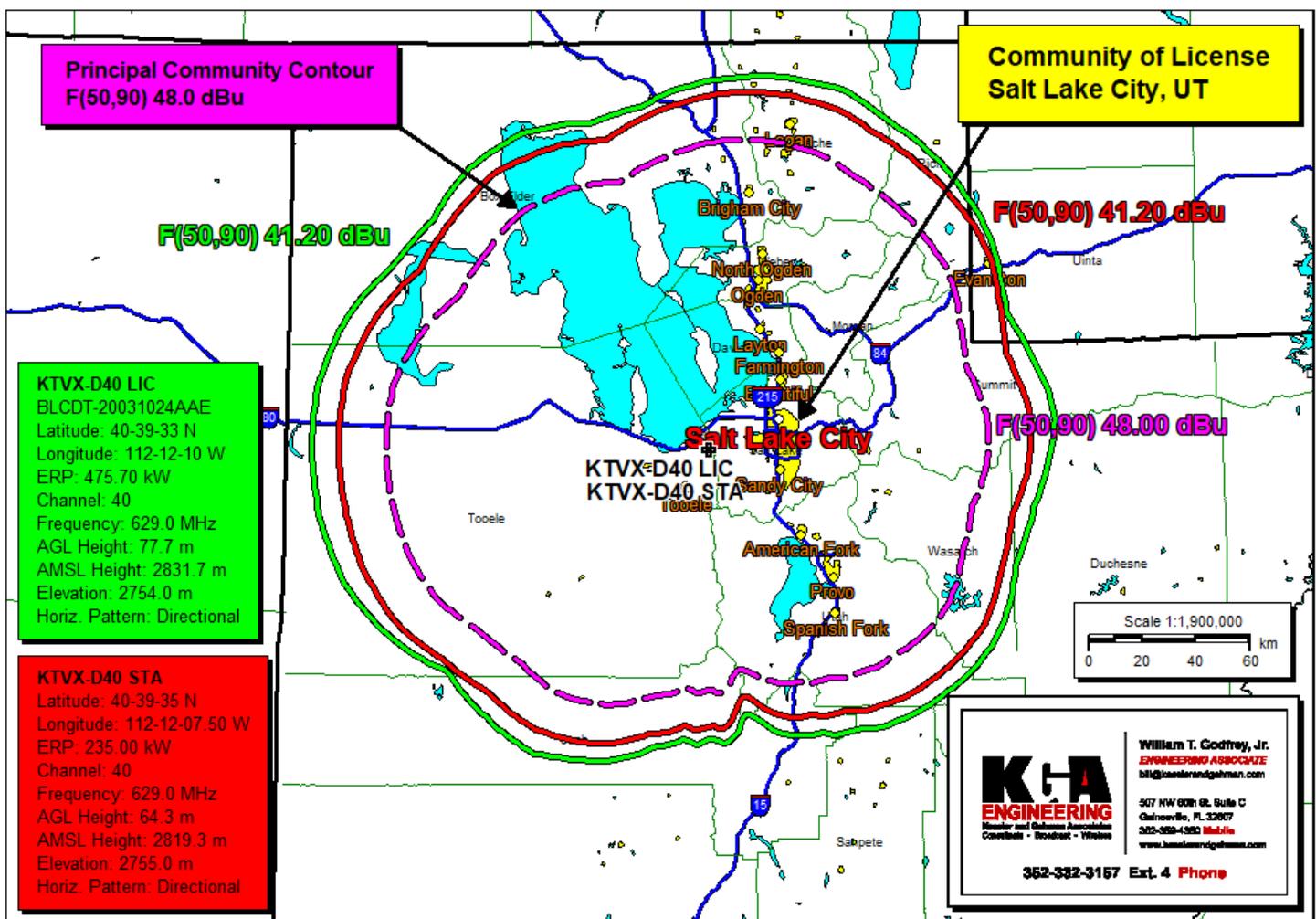


PURPOSE OF STA – Expedited Processing Requested

The purpose of this STA application is to allow the KTVX-DT facility to operate at reduced power on its pre-transition channel (40) at an alternate site using an interim antenna while the new post-transition antenna is installed. The KTVX facility at reduced operation will completely encompass its community of license with the F(50,90) 48.0 dBu principal community contour and will not exceed its licensed F(50,90) 41.20 dBu protected noise limited contour in any azimuthal direction (see showing below).



Nexstar Broadcasting Inc. (Nexstar) is licensed to operate the KTVX-DT Channel 40 pre-transition facility with an ERP of 475.7 kW at an antenna height radiation center of 77.7 m Above Ground Level (AGL) on a support structure located at the Farnsworth Peak transmitter site in Salt Lake City, UT (ASRN No. 1062408). This STA requests

authorization to temporarily operate the KTVX-DT facility on its licensed pre-transition channel (40) at an alternate site located approximately 0.1 km NE of the licensed site on a tower owned by Bonneville International Corporation (ASRN No. 1237796) in order to build-out its post-transition Channel 30 facility. It is proposed to temporarily operate the KTVX-DT Channel 40 facility with an ERP of 235 kW at an antenna height radiation center of 64.3 m using a Kathrein model 773-941 horizontally polarized, directional panel antenna. The dates of temporary operation are expected to be from June 04, 2018 through September 14, 2018.

KTVX is part of a coalition of eight stations called DTV Utah,¹ of which six are being repacked, including the KTVX facility. The DTV Utah stations received authority from the Commission to test and transition to new channels on a rolling basis until the November 30, 2018 phase completion date (See FCC File No. 0000024898). Accordingly, Nexstar requests to temporarily operate with reduced parameters at an alternate site under the authorization of the proposed STA in order to install, test, and transition to the new DTV Utah antenna. The Commission is aware that all DTV Utah stations must operate from the “DTV Utah-owned” auxiliary antenna simultaneously in order to complete the transition and the Commission is also aware that DTV Utah station engineering operates as a single system pursuant to the operating agreement. The proposed temporary operation is required in order for KTVX and the DTV Utah stations to remain on the air while the new post-transition antenna and transmission line are installed. Reduction in ERP from 475.7 kW to 235 kW is required in order for the proposed STA F(50,90) 41.20 dBu contour to be completely encompassed by the licensed F(50,90) 41.20 protected noise limited contour in all azimuthal directions. The proposed STA is in the public interest since it is essential in keeping the KTVX facility on the air while the post-transition facility

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The licensees of the eight DTV Utah stations are: KUTV Licensee, LLC (licensee of station KUTV); Utah State Board of Regents (licensee of NCE station KUEN); Bonneville International Corporation (licensee of Station KSL-TV); Nexstar Broadcasting, Inc. (licensee of Stations KTVX and KUCW); University of Utah (licensee of NCE Station KUED); Brigham Young University (licensee of NCE Station KBYU-TV); and KJZZ Licensee, LLC (licensee of Station KJZZ-TV).

is built-out and because it will accelerate the transition by allowing the DTV Utah stations to efficiently utilize resources and quickly transition to post-transition channels to meet phase completion deadlines.

Accordingly, Nexstar hereby requests expedited processing so that the KTVX facility can begin operating with the requested temporary parameters beginning June 4, 2018.

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.


WILLIAM T. GODFREY, JR., CBT
Engineering Associate

4 June, 2018