# FEDERAL COMMUNICATIONS COMMISSION
## 445 TWELFTH STREET SW
## WASHINGTON DC 20554

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June 22, 2017

Richard S. Denning, VP & GC
Radio License Holding SRC LLC
3280 Peachtree Road, NW, Suite 2300
Atlanta, GA 30305

Re: KTCT(AM), San Mateo, California
Facility Identification Number: 51188
Radio License Holding SRC LLC (RLH)
Special Temporary Authorization (STA)
BESTA- 20160627AAZ

Dear Mr. Denning:

This is in reference to the request filed on June 27, 2016. RLH requests a further extension of the STA granted on June 15, 1999, and last modified on February 11, 2004, to operate KTCT(AM) with authorized daytime facilities during nighttime hours to overcome interference from station XED, Mexicali, BC, Mexico.[1] In support, RLH states that the interference continues. Thus, the station requests extension of the STA but with power reduced to 35 kilowatts. The reduction in power is necessary in order to reduce the station's contribution toward KIPA(AM) below the allowable threshold.

In addition, KTCT(AM) has addressed the April 7, 2016 Informal Objection submitted by Sacred Heart Radio, Inc. requesting that the station provide an acceptable showing demonstrating that the KTCT(AM) STA nighttime facility would not cause prohibited skywave interference to KBLE(AM)'s protected 9.5 mV/m interference free contour. Sacred Heart Radio, Inc. has responded by stating that based on KTCT(AM)'s assurance that its proposed nighttime operation substantially conforms to that which is depicted in the study, they had no objection to the grant of BESTA-20160627AAZ.

Accordingly, the Sacred Heart Radio Inform Objection is HEREBY DISMISSED as moot, and the extension of STA IS HEREBY GRANTED, subject to the following condition: "Operation with the facilities specified herein is subject to modification, suspension or termination without right to hearing, if found by the Commission to be necessary in order to conform to the provisions of the registration process of the ITU, or to bilateral or other multilateral agreements between the United States and any other country." Station KTCT may continue to operate in accordance with the attached specifications. It will be necessary to reduce power or cease STA operation if complaints of interference are received. RLH must use

[1] KTCT is licensed for DA operation on 1050 kHz with 50 kW day and 10 kW night.

whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines. *See* 47 CFR § 1.1310.

This authority expires on **December 19, 2017.**

Sincerely,

Jerome J. Manarchuck
Audio Division
Media Bureau

Attachment: DA Specs
cc: Andrew Kersting, Cumulus Media (via email only)
Dennis J. Kelly, Esq. (via email only)

# SPECIAL TEMPORARY AUTHORITY

## SPECIFICATIONS FOR NIGHTTIME DIRECTIONAL OPERATION OF KTCT (AM), San Mateo, CA

**Frequency:** 1050 kHz **Nominal Power:** 35 kW **Antenna Input Power:** 36.86 kW

**Common Point Current:** 27.15 Amperes **Common Point Resistance**: 50 ohms

**Transmitter site coordinates (NAD 1927):** 37° 39' 02" N, 122° 09' 02" W

**Description of Directional Antenna System:**

| | |
|---|---|
| **Number and Type of Elements:** | Five (5) vertical, self-supporting, series-excited steel radiators. (Note: Tower #5 is not used in this pattern.) |
| **Height above Insulators:** | 61.0 meters (76.9°) |
| **Overall Height:** | 62.5 meters |
| **Ground System:** | 120 radials 72 m in length except where intersecting radials are shortened and bonded, plus 120 radials 15.2 m in length, about the base of each tower. |
| **Spacing and Orientation:** | With Tower #3 (WC) as a reference, Tower #1 (E) is spaced 180.0° (142.8 m) on a line bearing 80.8° ; Tower #2 (EC) is spaced 90.0° (71.4 m) on a line bearing 81.8°; Tower #4 (W) is spaced 90.5° (71.8 m) on a line bearing 253.3°; Tower #5 (N) is spaced 102.4° (81.2 m) on a line bearing 327.8°. |
| **Theoretical RMS:** | 1947.4 mV/m at 1 km |
| **Standard RMS:** | 2045.9 mV/m at 1 km |
| **Q factor:** | 62.8 mV/m |

## SPECIAL TEMPORARY AUTHORITY

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| **Tower:** | **#1(E)** | **#2 (EC)** | **#3 (WC)** | **#4(W)** |
|---|---|---|---|---|
| **Theoretical Parameters:** | | | | |
| **Field Ratio:** | 0.402 | 1.0 | 1.0 | 0.357 |
| **Phasing (degrees):** | -95.2 | 126.6 | 0.0 | -112.7 |
| **Operating Parameters*** | | | | |
| **Phase (degrees):** | -91.4 | 125.2 | 0.0 | -109.2 |
| **Current Ratio:** | 0.417 | 0.906 | 1.00 | 0.304 |

***As indicated by** Potomac Instruments AM-1901 antenna Monitor.

**Antenna sampling system approved under Section 73.68 (b) of the rules.**

**MP descriptions and field intensities:**

**Direction of 52.5° True North:** North side of Grove Way, west end of Cherryland Park, 200' into park at northwest corner of basketball court. Distance from the transmitter site is 4.83 km. The field intensity at this point shall not exceed **36.0 mV/m.**

**Direction of 122° True North:** Northwest corner of the intersection of Pueblo springs Avenue and Pueblo Lake Avenue, at curb, next to fire hydrant. Distance from the transmitter site is 5.63 km. The field intensity at this point shall not exceed **25.6 mV/m.**