



Federal Communications Commission
Washington, D.C. 20554
November 18, 2021

Richard S. Denning, EVP & GC
Radio License Holding SRC LLC
3280 Peachtree Road, NW, Suite 2200
Atlanta, GA 30305

Re: Radio License Holding SRC LLC (RLH)
KTCT(AM), San Mateo, CA
Facility Identification Number: 51188
Special Temporary Authorization (STA)
BESTA-20211027AAB

Dear Mr. Denning:

This is in reference to the request filed on October 27, 2021. RLH requests a further extension of the STA granted on June 15, 1999, as last modified on June 22, 2017, to operate with increased power at night using the attached specifications to overcome nighttime interference from station XED (Mexicali, BC, Mexico).¹ In support of the request, RLH states that the interference continues.

Requests for extension of STA will be granted only where the licensee can show that one or more of the following criteria have been met:

- Restoration of licensed facilities is complete and testing is underway;
- Substantial progress has been made during the most recent STA period toward restoration of licensed operation; or
- No progress has been made during the most recent STA period for reasons clearly beyond the licensee's control, and the licensee has taken all possible steps to expeditiously resolve the problem.

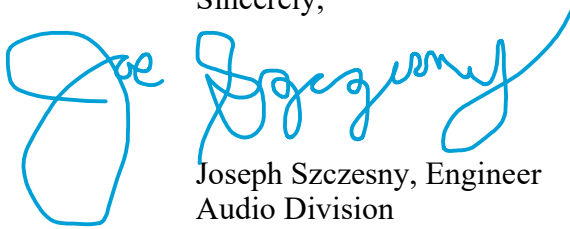
Accordingly, the extension of the STA IS HEREBY GRANTED, subject to the following condition: "Operation with the facilities specified herein is subject to modification, suspension or termination without right to hearing, if found by the Commission to be necessary in order to conform to the provisions of the registration process of the ITU, or to bilateral or other multilateral agreements between the United States and any other country." RLH may continue to operate at night in accordance with the attached four tower pattern, with no change to the licensed 50 kW daytime operation, as specified on the last license (BZ-20020830AFF). RLH must reduce nighttime power or cease STA operations if complaints of interference are received,

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

and use 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 **May 17, 2022**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Joe Szczesny", is positioned to the left of the typed name.

Joseph Szczesny, Engineer
Audio Division
Media Bureau

Attachment: DA Specs

cc: Mark N. Lipp, FHH PLC (via e-mail 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

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

| 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**.