

136

RADIO STATION KINS

CBS RADIO FOR KINSland

EUREKA BROADCASTING COMPANY

980 KC 5,000 WATTS

P. O. BOX "O"
EUREKA, CALIFORNIA
PH. 442-5744

June 15, 1967

John Sampson
20088 Las Ondas Court
Cupertino, California 95014

Dear Mr. Sampson:

Sorry that your first letter apparently was lost somewhere between your desk and mine.

Your log record of reception of KINS on Friday, March 3, 1967, from 0559 to 0620, PST, is in agreement with our program log of that date, and I am happy to confirm the data.

The transmitter here (daytime) is an elderly Collins 21-A 5 kw, heavily rebuilt and altered by myself. Our nighttime transmitter is a Bauer 707 (which I built from a kit), on 500 watts. Our antenna system uses two 250-foot towers, spaced 135 electrical degrees, fed (for nighttime) to achieve a pattern symmetrical about the 70-degree true axis with nulls in the direction of New Westminster, B. C., and Los Angeles, where we must protect other stations on 980 kc.

Your report, along with several others, would appear to reflect the added side-band power I attained with the installation of a CBS Laboratory Audimax and Volumax. They replaced the previous A.G.C. amplifier and limiter, and are highly sophisticated instruments.

We have just applied for assignment of FM channel 242 (96.3 megacycles) for a stereo FM operation, with 60 kw E.R.P. We will feed a twelve-bay antenna (six horizontally polarized, and six

138

RADIO STATION KINS

CBS RADIO FOR KINSland

EUREKA BROADCASTING COMPANY

980 KC 5,000 WATTS

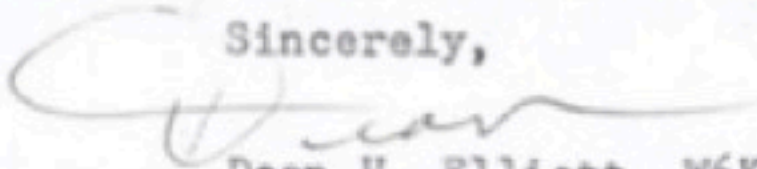
P. O. BOX "O"
EUREKA, CALIFORNIA
PH. 442-5744

2

vertically) on a 3,500 foot mountain ten miles from our studio. The microwave link will utilize two 8-watt solid-state transmitters in the 950-megacycle region.

We hope to be in operation before Christmas. If you ever hear us, I would like to know about it.

Sincerely,



Dean H. Elliott, W6KJM
Chief engineer, KINS