

K C B C

YOUR MUSIC AND NEWS STATION

John Sampson 2323 Grand Avenue
7940 Pacific Des Moines, Iowa
Omaha 6, Neb,

APR, 3, 1956

Dear Sir:

This will serve as a letter of verification to your written reception report of Mar. 23, 1956.

We are a 1000 watt full-time station on 1390 kc. The station is on the air 24 hours a day except off Sunday, 3:00-AM to 9:00-AM for maintenance.

We use a Raytheon RA-1000 transmitter and radiate from a four tower directional antennae array. Our primary ground signal is a modified clover-leaf with the largest portion of energy beamed west.

Our soil conductivity is of the best in the country and consists of rich black loam on a creek bed and is wet all year around. In addition there are 120 radials of heavy copper wire $\frac{1}{4}$ wave length long fanning out from each tower base spaced ever 3 degrees at the hub to complete the 360 degree circle beneath each tower and buried in the soil 12" deep. The four towers are 211 feet above ground and 202 feet above their base insulator. They are of equal height and uniform crossection guyed towers. They are spaced physically to form a rectangle the long sides of which are equal and the short sides of which are equal distance.

We went on the air in March 1947 and since that time have received many nice reception reports from many parts of the world.

Thank you for the interest you have shown in our station.

Very truly yours,

KAPITAL CITY BROADCASTING COMPANY

Robert S. Brown

Robert S. Brown
Chief Engineer