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MULTIPLE OWNERSHIP SERVICE CONTOUR ANALYSIS

Prepared for
Desert West Air Ranchers Corporation
April 2017

The attached analysis of compliance with the radio multiple ownership rules was prepared in accordance with the Rules and Regulations of the Federal Communications Commission, in connection with a minor change application for FM station KCDX at Florence, Arizona.

Rated Market

KCDX operates within the Phoenix Nielsen market, but is the only attributable station owned within that market. Therefore no further analysis is required regarding the Phoenix market.

Unrated Market

The proposed facility has principal community contour overlap with just one other attributable station, that being the construction permit for KKYZ on Channel 266C3 at Tanque Verde (with application at Catalina Foothills with the same technical facility).

Analysis has been made consistent with the Commission's interim rules for unrated markets. The 70 dBu contours of FM stations were determined from the technical data contained in the most recent edition of the FCC FM Database. The listed antenna height above average terrain was used together with topographic data obtained from the digitized 30 second or 3 second database. The 5 mV/m daytime contours of AM stations were determined from the technical data contained in the most recent edition of the FCC AM Database. The listed antenna parameter information was used together with a digitized version of the FCC M-3 or Region II ground conductivity database.

The service contours were plotted using correct map projection mathematics. Those stations whose transmitter sites are within the respective principal community service contours of the stations proposed to be commonly owned have only the sites rather than their contours shown. All contours and enclosed transmitter site locations have been labeled. A list of all stations considered is included with this statement.

In counting stations providing service to the "market" defined by each of the discrete clusters formed in unrated markets, stations whose transmitter sites are located in excess of 92 km from the perimeter of the common overlap area have been excluded, as have other stations to be commonly-owned but which are not a part of the discrete cluster being studied.

Hatfield & Dawson Consulting Engineers

This exhibit evidences at least the minimum number of stations necessary to demonstrate compliance with the rules concerning radio multiple ownership in unrated markets. In order to qualify for common ownership of this OAM/2FM cluster, there must be at least 4 stations in the relevant "market". This study demonstrates that there are at least 9 stations in the relevant market.

April 12, 2017

A handwritten signature in black ink, appearing to read "Erik C. Swanson". The signature is fluid and cursive, with the first name "Erik" and last name "Swanson" clearly distinguishable.

Erik C. Swanson

