

DELAWDER COMMUNICATIONS, INC.

2121 Eisenhower Avenue, Suite 200

Alexandria, Virginia 22314

(703) 299-9222

ENGINEERING REPORT

Miles, TX, FM Minor Modification for New Station

**ENGINEERING STATEMENT SUPPORTING 307(b)
OF THE COMMUNICATIONS ACT OF 1934 SHOWING**

In support of this proposal to specify Miles, Texas, as the new community of license, a study has determined that there is no "white area" (area with no other full-time aural services) or "grey area" (area with only one other full-time aural services) associated with the Ballinger channel 238A allotment facility. Figure A, attached, shows the 60 dBu service contour for the channel 238A, Ballinger, TX allotment facilities. The channel 238A reference site (N 31° 39' 03"; W 99° 53' 13", NAD 27) is used. Figure A also shows complete overlap of the Ballinger 238A 60 dBu service contour by the 60 dBu service contours of licensed stations KKCN(FM), Ballinger, TX, 276C1; and KCRN-FM, San Angelo, TX, 230C1. Therefore, there is no "white area" or "grey area" associated with the Ballinger channel 238A allotment facility.

The FM contours for the above study are determined pursuant to *Memorandum Opinion and Order, MM Docket No. 86-29, Amendment of Section 73.202(b), Table of Allotments, FM Broadcast Stations (Greenup, Kentucky and Athens, Ohio), Adopted April 11, 1989, 66 R 2d, page 366*. Based on this MO&O, the 1 mV/m (60 dBu) contour is used for all classes and service is further simplified by assuming circular contours of the following service distances: 28 km for class A; 72 km for class C1.

The population (US Census year 2000) and area associated with the proposed Miles 238C3 facility and the Ballinger 238A facility (using the allotment reference site for maximum class A facilities) are as follows:

Miles 238C3 (the proposed)

70 dBu Population: 8,218

70 dBu Area: 1,522 sq. km

60 dBu Population: 109,520

60 dBu Area: 4,317 sq. km

Ballinger 238A (the allotment)

70 dBu Population: 5,549

70 dBu Area: 822 sq. km

60 dBu Population: 7,123

60 dBu Area: 2,515 sq. km

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There are no other AM or FM stations assigned or licensed to Miles, Texas. Ballinger, Texas, has an existing AM and FM station (KRUN and KKC�, respectively).

There are currently 12 licensed FM stations providing protected service to Miles, Texas.

The population (US Census year 2000) of Miles, Texas, is 850.

