

Engineering
KYRT Channel 250A
Hunt, TX
Section 307(b) Analysis

By the instant minor change application, it is proposed to modify the authorization for KYRT from Channel 249A at Mason, TX to Channel 250A at Hunt, TX. Unless otherwise noted, all population numbers are from the 2000 Census.

Second Local Service to Hunt

The proposed Channel 250A allotment site is suitable for tower construction and is located 13 kilometers from Hunt. The nominal distance to the 70 dBu F(50,50) contour for a Class A station is 16.2 kilometers. Therefore, and as demonstrated by the attached 70 dBu contour map, this site will provide greater than 70 dBu coverage for all of Hunt.

The proposed operation will provide the second local service to Hunt. Hunt has already been determined to be a community for allotment purposes, by way of the allotment of Channel 260A at that community in the context of MM Docket No. 99-234. The Texas Almanac lists an estimated population of 708 for the community of Hunt.¹

Mason will retain local service from licensed stations KOTY Channel 239C2 and KHLB Channel 273C2, an authorized new station on Channel 269C3 (see BNPH-20070430CGN), and a vacant allotment on Channel *281C2.

Reallotment of KYRT from Mason to Hunt is preferred under allotment priority number 4 (other public interest factors) in that:

- a) a second local service will be provided to Hunt, rather than retaining a third licensed or fifth potential service at Mason; and

- b) there will be a net gain in service to 39,322 persons.

No Tuck Analysis Required

¹ See www.texasalmanac.com

Hunt is not located within any Urbanized Area. Neither will the proposed allotment of Channel 250A at Hunt will provide 70 dBu service to any portion of any Urbanized Area. Therefore, no “Tuck” analysis is necessary as a part of the instant proposal.

Gain and Loss Areas

There is no overlap of the Hunt gain area and the Mason loss area. The gain area directly associated with the reallocation of KYRT encompasses an area of 2,516 sq km and a population of 43,072 persons. The loss area directly associated with the reallocation of KYRT encompasses an area of 2,516 sq km and a population of 3,750 persons. There will be a net increase in service to 39,322 persons.

Loss Area Remaining Services Analysis

The proposed reallocation of KYRT will not result in the creation of any white area.² A small gray area will be created, containing a *de minimis* population of only 9 persons. The following stations provide service to part or all of the Mason loss area.

| | | | |
|---|------|----------|-----------------------|
| A | WBAP | 820 kHz | Fort Worth (Class A) |
| O | WOAI | 1200 kHz | San Antonio (Class A) |
| B | KGLF | 201A | Doss |
| C | KKER | 204C1 | Kerrville |
| D | KTXI | 211C2 | Ingram |
| E | KRNH | 222C2 | Kerrville |
| F | KDHT | 227C | Cedar Park |
| G | KOOK | 228C2 | Junction |

²In determining reception service provided by FM stations, the area of service circumscribed by the station's 1.0 mV/m signal contour was considered, assuming 1) actual facilities for non-commercial stations operating on reserved channels, 2) maximum facilities for the class of station for stations (other than Class C stations) operating on non-reserved channels, and 3) minimum or existing Class C facilities, whichever is greater, for Class C stations. For clear channel Class A AM stations, the service area was defined by the station's 0.5 mV/m groundwave contour, based on its licensed facilities. For all other classes of full-time AM stations, reception service was defined as that service received within a station's nighttime interference-free contour. See Meeker and Craig, Colorado, 15 FCC Rcd 23858 (2000), Stamps and Fouke, Arkansas, 14 FCC Rcd 10533 (1999), Silverton and Bayfield, Colorado, 14 FCC Rcd 4071 (1999), Malvern and Bryant, Arkansas, 13 FCC Rcd 8426 (1998), and others.

| | | | |
|---|---------|-------|----------------|
| H | KRVL | 232C2 | Kerrville |
| I | KNEL-FM | 237A | Brady |
| J | KOTY | 239C2 | Mason |
| K | KSYU | 243C3 | Ingram |
| L | KELI | 254C0 | San Angelo |
| M | KHLB | 273C2 | Mason |
| N | KNAF-FM | 289C3 | Fredericksburg |

It is noted that the proposed reallocation of KYRT will result in the creation of a small gray area (1 aural service remaining) encompassing just 9 persons. This is not, however, believed to be an impediment to the grant of the instant application. The Commission has long recognized that strict application of the Allotment Priorities can have results which are not in the public interest. "...the issue of whether a particular population gain is *de minimis* pertains to all four Priorities in FM Priorities. We will not give a decisional preference or apply any of these Priorities in a manner that would lead to an anomalous result or otherwise circumvent the public interest." *Seabrook, Huntsville, Bryan, Victoria, Kenedy, and George West, Texas*, Memorandum Opinion and Order, 10 FCC Rcd 9360 (1995).³

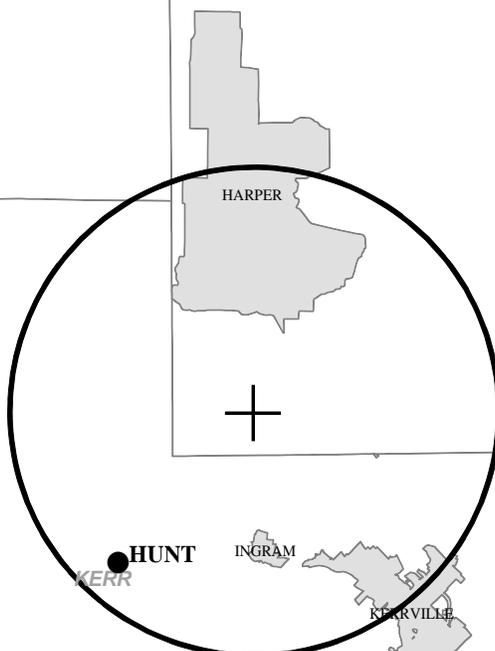
In addition, the KYRT also holds a construction permit (BNPH-20070430CGN) for a new FM station on Channel 269C3 at Mason, at the same transmitter site as the KYRT 249A Mason operation. Inclusion of the Mason 269C3 permit in the above analysis would completely eliminate the small gray area discussed above, and would add one more existing service to the entirety of the loss area.

Gain Area Existing Services Analysis

The proposed reallocation of KYRT will not provide additional service to any white, gray, or underserved areas.

³ See also *Eldorado, Mason, Mertzon, and Fort Stockton, Texas*, Memorandum Opinion and Order, MB Docket No. 02-167, released on January 12, 2007.

BLE



70 dBu
16.2 km radius

GILLESPIE



FREDERICKSBURG

HARPER

HUNT

INGRAM

FERRVILLE

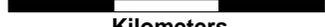
COMFORT

BANDERA

BANDERA

Hunt 250A 70 dBu Contour Map

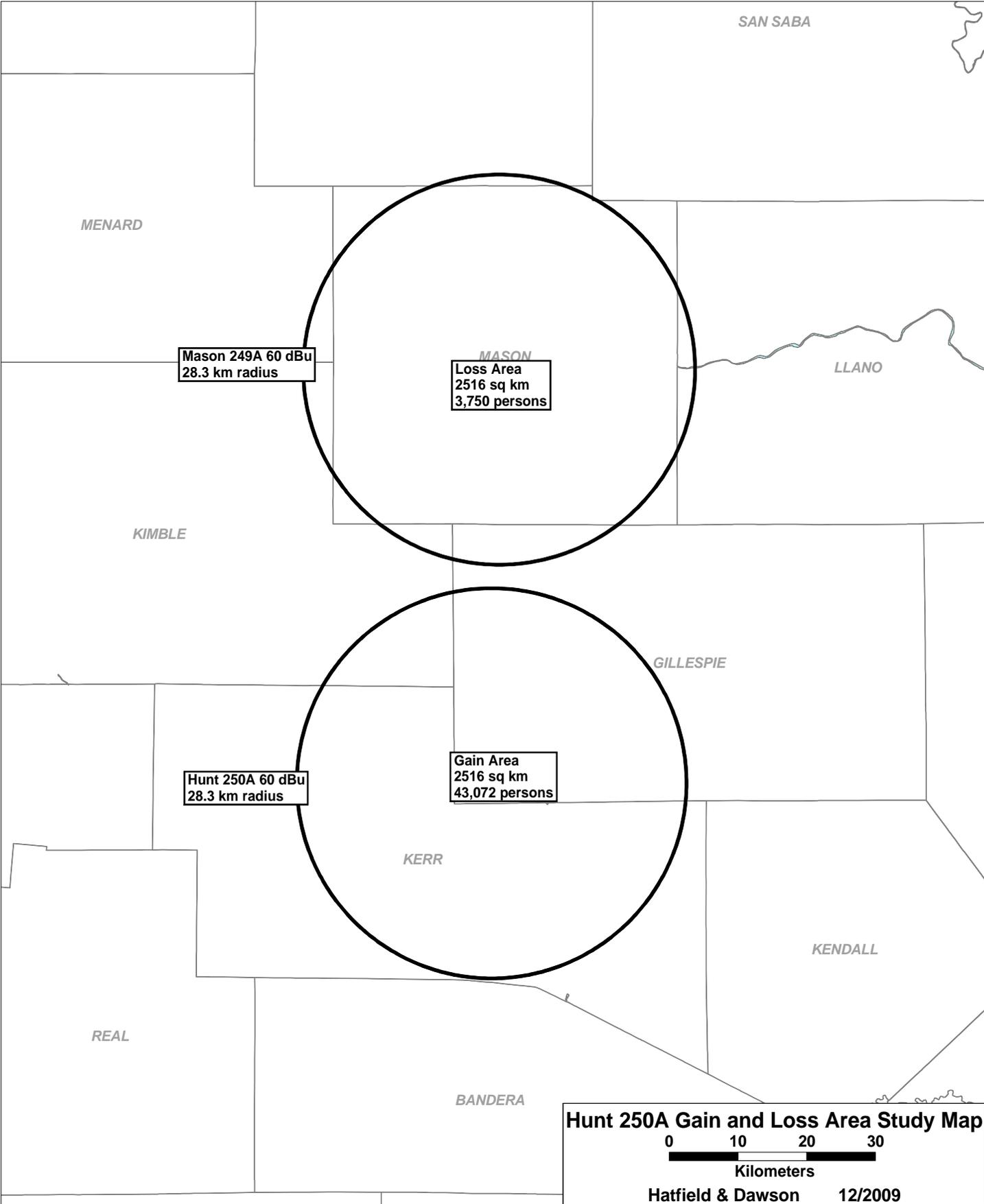
0 7 14 21



Kilometers

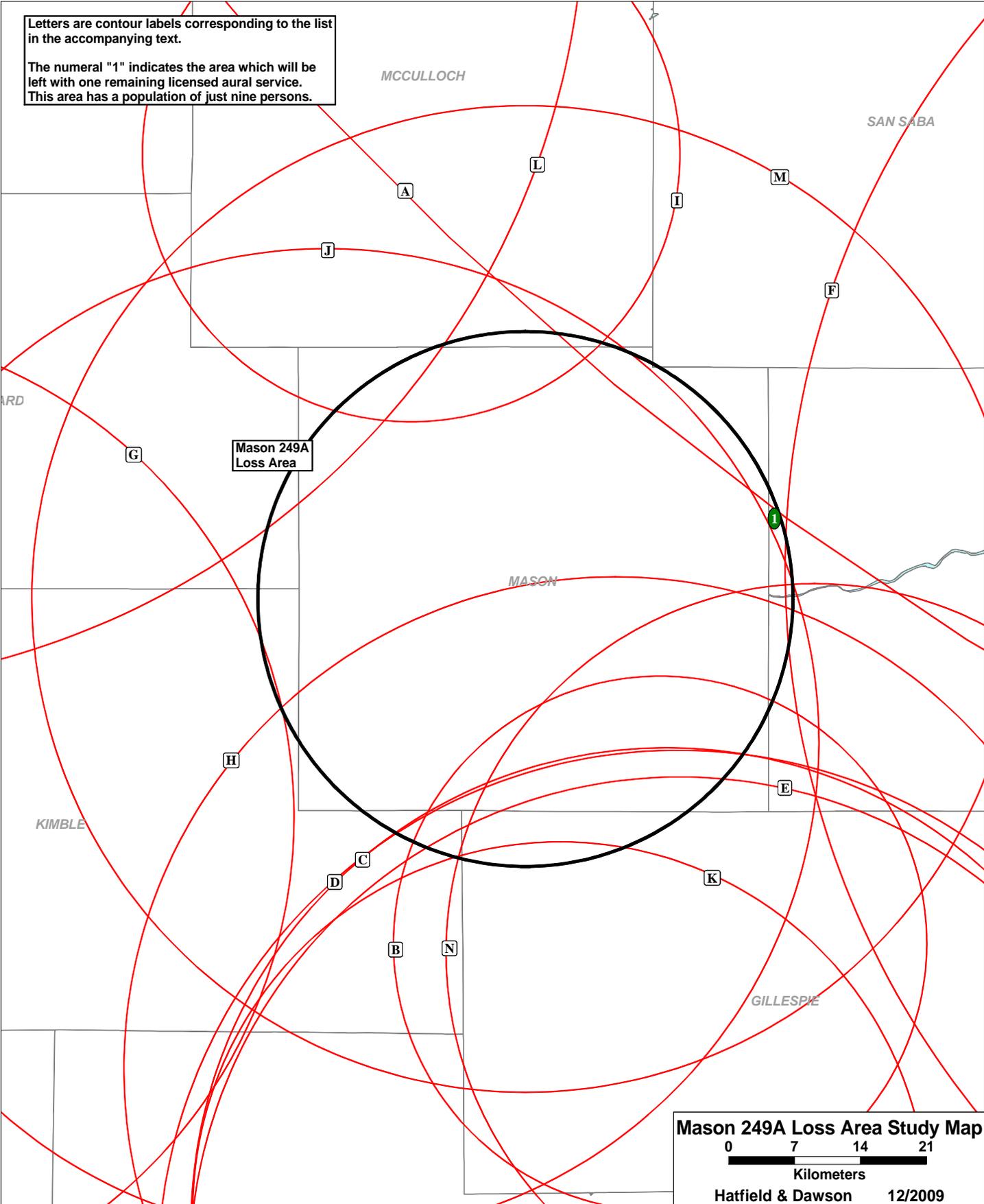
Hatfield & Dawson

12/2009



Letters are contour labels corresponding to the list in the accompanying text.

The numeral "1" indicates the area which will be left with one remaining licensed aural service. This area has a population of just nine persons.



Mason 249A Loss Area Study Map
0 7 14 21
Kilometers
Hatfield & Dawson 12/2009