October 2021
New FM Channel 201A
St. Mary, Montana
First Aural Reception Service Study

A study has been made of the existing aural service provided to areas within the 60 dBu contour of the proposed NCE FM facility, and which confirms that this application will provide a first aural reception service. This study was conducted consistent with the methodology described in *Rural Radio*.[1] The results of that study indicate that the following existing stations provide aural service to this area, as depicted on the attached map exhibit:

Callsign	Channel/Freq	Community
none		

The following table lists the area and population served by the proposed facility, along with the area and population which will receive its first aural reception service as a result of the grant of the instant application. Population counts are per the 2010 Census, using the block centroid method.

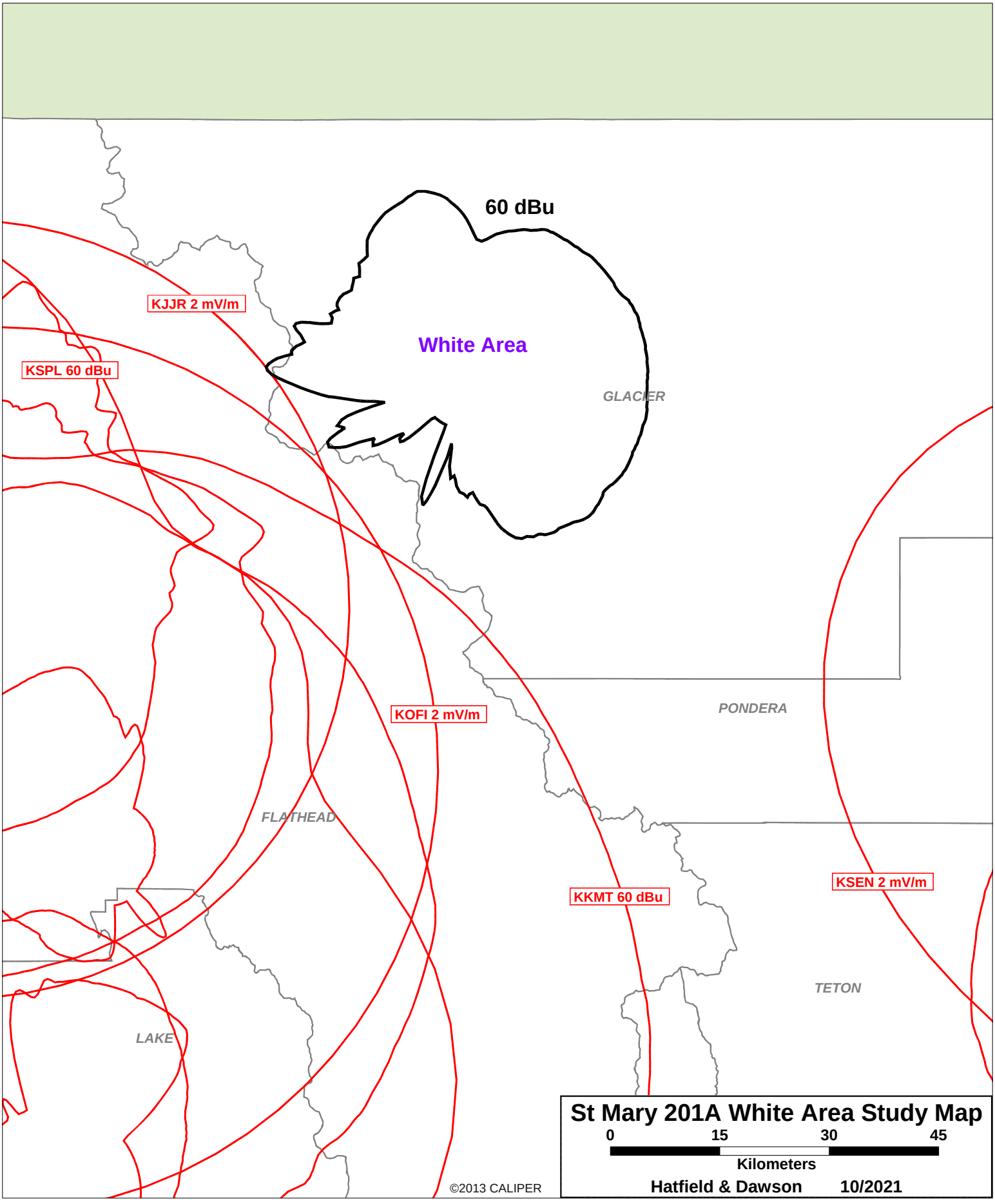
Proposed	Area & Population
60 dBu	1457 sq km 935 pop
First Aural Service	1457 sq km 935 pop

[1] In determining reception service provided by non-reserved band FM stations, the service contour used is that which is set forth for the class of station in §73.215(a)(1) of the Rules. The service contour has been calculated based on the facility's authorized effective radiated power and height above average terrain, taking into account actual terrain. Vacant FM allotments have not been counted. In determining reception service provided by reserved band FM stations, the service contour used is the 60 dBu contour.

In determining reception service provided by AM stations, the service contour used is the daytime 2.0 mV/m ground wave contour, calculated from the current transmitter coordinates using authorized facilities.

In the case of stations with granted, but unbuilt construction permits for modifications to their currently licensed or permitted facilities, the authorized but unbuilt modified facilities have been used.

Rural Radio 2nd Order on Recon at paragraphs 15-17, including Footnote 65.


60 dBu
White Area
KJJR 2 mV/m
KSPL 60 dBu
GLACIER
PONDERA
KOFI 2 mV/m
FLATHEAD
KKMT 60 dBu
KSEN 2 mV/m
TETON
LAKE
©2013 CALIPER
St Mary 201A White Area Study Map
0
15
30
45
Kilometers
Hatfield & Dawson
10/2021