

TECHNICAL EXHIBIT  
APPLICATION FOR CONSTRUCTION PERMIT  
ALAN J. WHITE  
RADIO STATION KACH  
PRESTON, IDAHO

1340 KHZ 1 KW U ND

May 2, 2018

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Table of Contents

Technical Narrative

Figure 1

Site Locations

Figure 2

Daytime Allocation Study

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Technical Narrative

The technical exhibit of which this narrative is part has been prepared on behalf of Alan J. White, licensee of AM broadcast station KACH at Preston, Idaho. KACH is licensed as a Class C station for unlimited operation with a non-directional antenna. By means of this present application, the licensee proposes to update the transmitter site location coordinates as given on the existing license. No other changes are proposed with this application.

This update was recently found to be necessary by comparison of the licensed transmitter site coordinates - which date from when the station was first constructed - with the more recently determined coordinates.

The updated NAD27 coordinates as shown on ASRN-1243603:

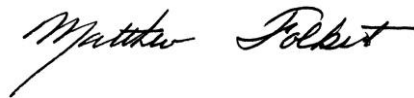
42-07-28 N  
111-50-45 W

The current license states the station's coordinates as:

42-07-45 N  
111-51-00 W

When comparing the licensed with the actual coordinates, a discrepancy of 17 seconds in the North Latitude and 15 seconds in West Longitude exists. Figure 1 shows the coordinates plotted on a satellite photo. As can be seen on Figure 1, the updated coordinates are correct. Also, a daytime allocation study, as shown on Figure 2, is included supporting a conclusion that this proposal comports with all interference protection requirements.

It is requested that a construction permit be issued with the new set of coordinates but that the requirement for antenna resistance measurements be suspended as the station's physical location has not changed and no changes are being made to the licensed antenna system.

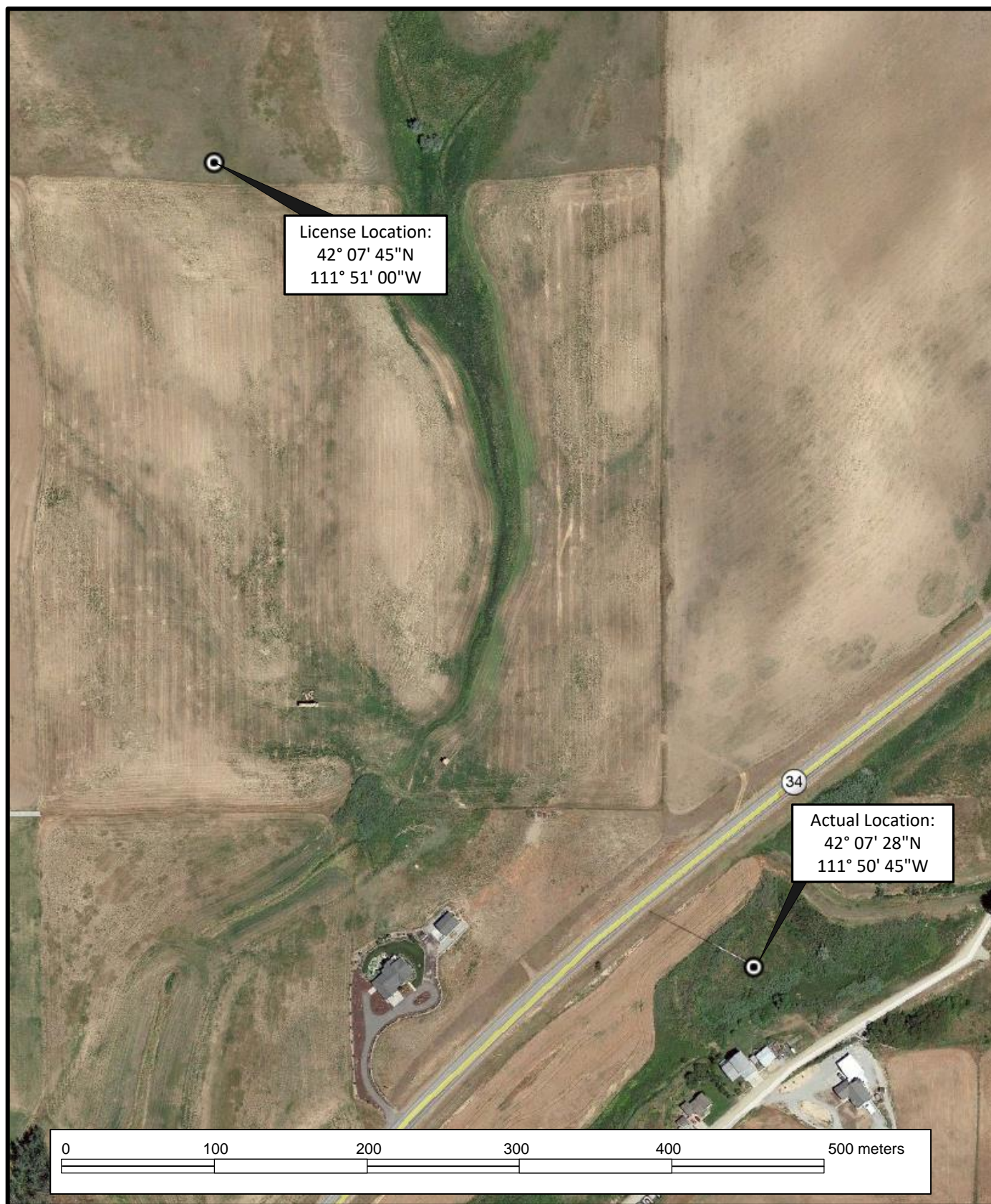


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Figure 1

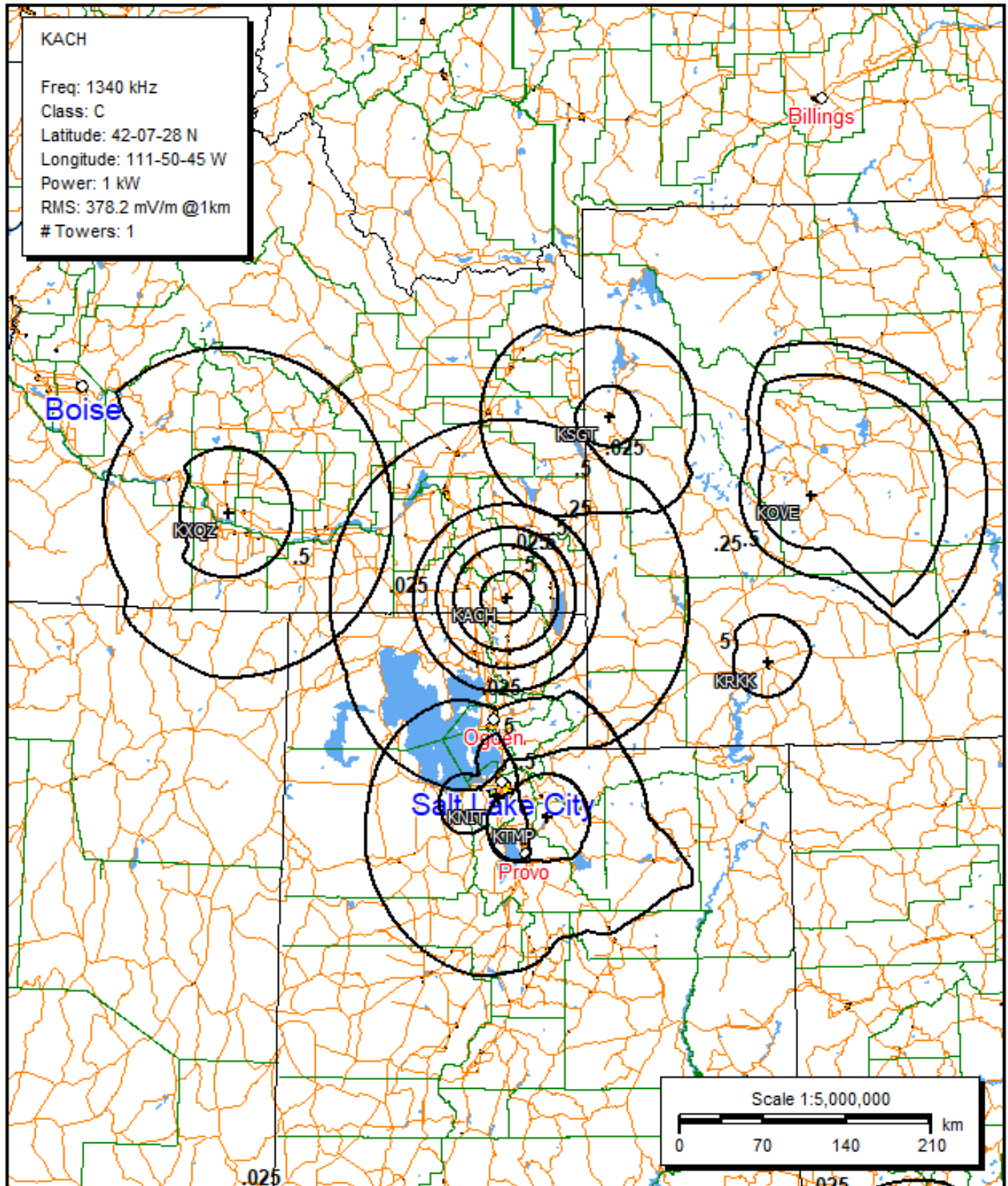


## SITE LOCATIONS

RADIO STATION KACH  
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du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



## DAYTIME ALLOCATION STUDY

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