

**Change of Primary Station Input
K298BE Pocatello, Idaho
December 2023**

The primary station change is for a licensed translator facility.

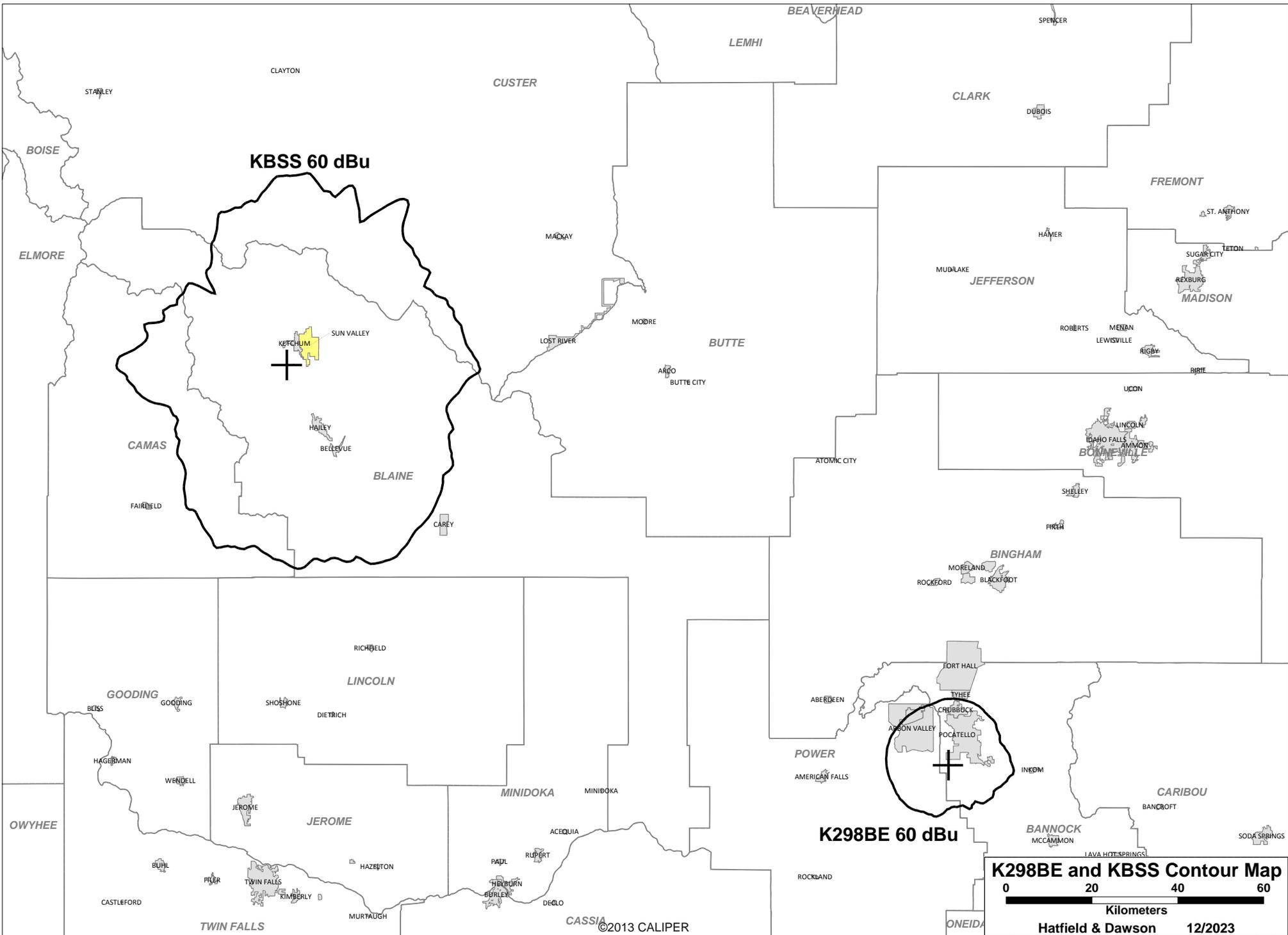
The change applies to all recent and pending applications for this translator.

A contour map is attached.

The translator is operating as a non-fill-in translator for the FM primary station.

The translator will be rebroadcasting the primary station's HD2 programming stream.

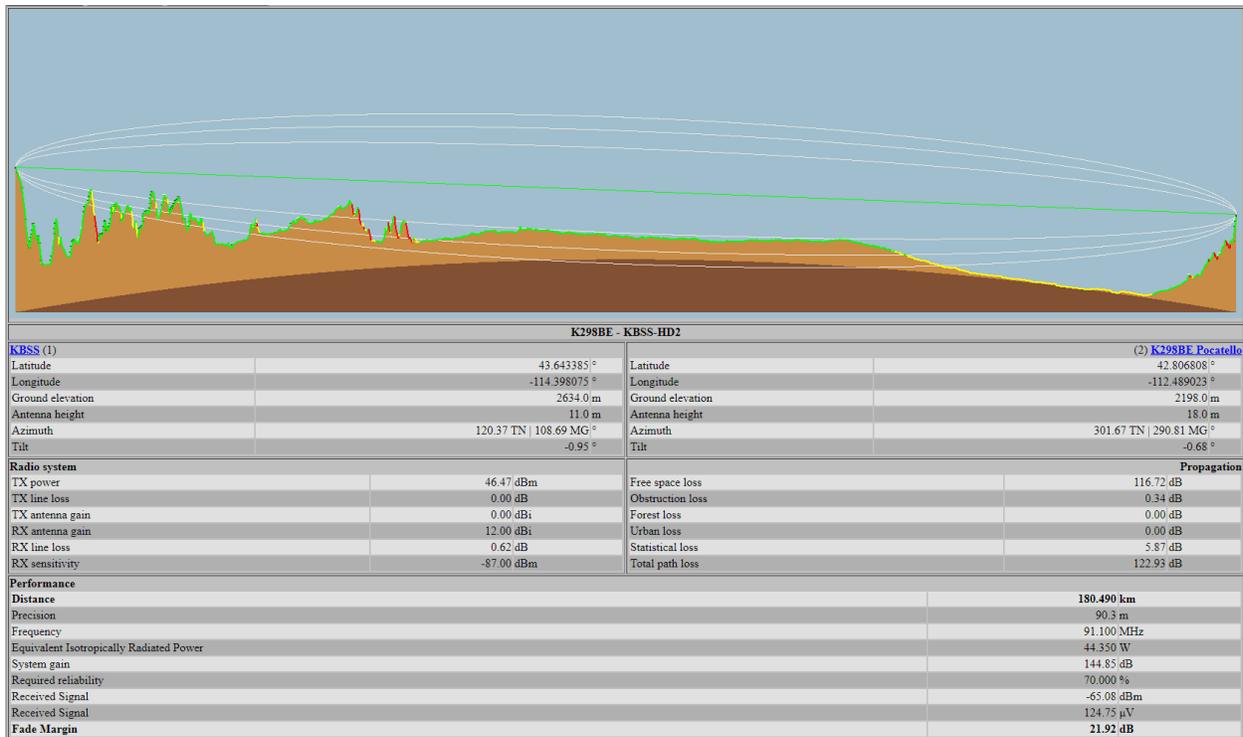
Delivery is directly off air. While K298BE is located at a significant distance from the KBSS transmitter site, and outside the KBSS 40 dBu contour, a successful and reliable off-air feed has been established. Included is a letter from Kelsey Black, the Chief Engineer of Boise State Public Radio, confirming this.



December 5, 2023

To whom it may concern

This memo is to state for the record that Boise State Public Radio (BSPR) can reliably receive KBSS-HD2 Sun Valley over the air at the transmit site for K298BE Pocatello. The path between these two sites is true line of sight.



Upon our initial site survey, it was found that KBSS-HD2 can be received at the K298BE site with no special equipment or antenna, with a consumer radio, SPARC model SHD-TX2 handheld, battery operated HD Radio receiver with the built in telescopic antenna all around the vicinity of the building the K298BE equipment is located in.

Then in the interest of improving the path link margin, BSPR installed on the K298BE tower, an antenna array consisting of two Kathrein CL-FM/HRM/HV antennas centered at 18m AGL. This antenna system has a total system gain of 9.85dBd. With these antennas in place, the calculated fade margin on this link is 21.92dB. Photo of the antenna array is inline with this text on page 2.



The current receiver used to pick up KBSS-HD2 is a Inovonics Inomini 639, which has a strong HD signal received, as shown below.



Best regards,



Kelsey E Black
Chief Engineer