

BROADCAST ENGINEERING CONSULTANTS

Timothy C. Cutforth P.E Director of Engineering

303-937-1900 965 S. IRVING STREET DENVER, CO 80219

ENGINEERING STATEMENT

Concerning an application for new fill in FM translator for AM broadcast station KSTC AM Sterling, Colorado.

MEDIA LOGIC LLC is the licensee of Station KSTC and the singleton applicant for new translator in Auction 99 to fill in the coverage of KSTC file number BNPFT20170726AEJ. This instant application completes the long form filing for the proposed translator to serve Sterling, Colorado.

The proposed translator antenna will be located at the 45m AGL level on the existing 47m AGL tower of KSTC-AM. The existing tower and the existing transmitter building will be used so no environmental effect is likely. The fields on the ground will be less than 2% of the OET recommended maximum public exposure and therefore will be excluded from environmental study. No employee will be allowed to climb the structure when energized and power will be reduced or operation terminated as needed when any user must service the tower or antennas.

The proposed translator meets location criteria for an AM fill in translator since the proposed 60dBu contour is completely within the KSTC 2mV/m contour as shown on the following coverage map.

The proposed translator protects the existing 60dBu coverage of all licensed, permitted, and known proposed facilities. The proposed interference contours clear the protected contours by more than 20km in all cases. See the allocations study tabulation.

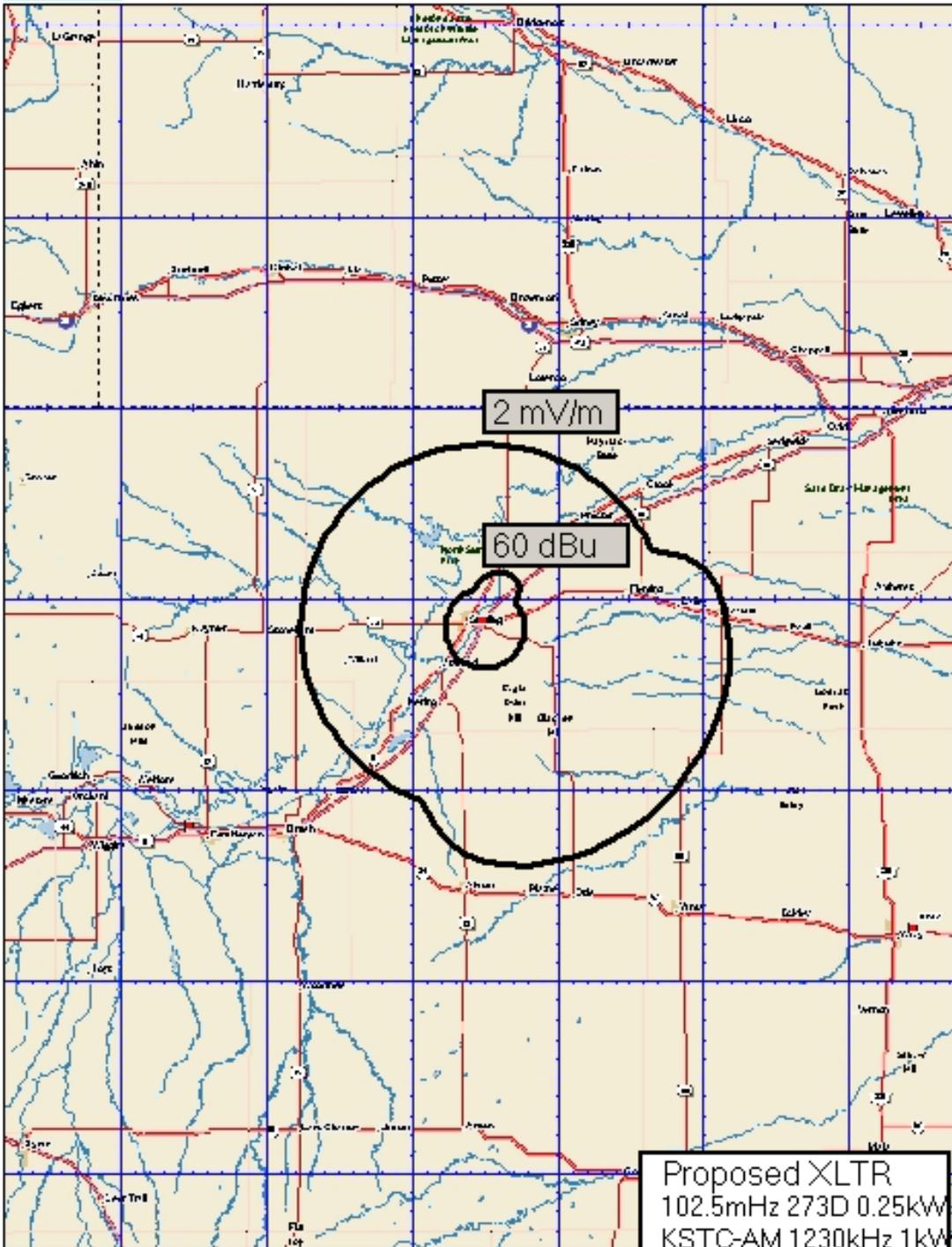
The proposed translator will provide desirable fill in service for KSTC in the public interest.

Respectfully submitted



Timothy C. Cutforth, P.E.

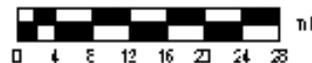
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