KACG 100.3 GOLDFIELD, NV STA APPLICATION INFORMATION

This application proposes an engineering STA for KACG, 100.3, Goldfield, NV. This STA would use an already existing structure that will also be used in a future application for the permanent licensed operation of KACG. Included as an exhibit is a map showing that this proposed location's 60 dBu contour is within the licensed KACG 60 dBu contour.

KACG has not been able to operate from its licensed site because of removal of the antenna structure and a leasing issue. KACG has found a site to continue operations, and will eventually become the licensed antenna site. This site does provide the community of license, Goldfield, NV, with 60 and 70 dbu service. The proposed 60 dbu contour of this proposed site is contained within the licensed KACG 60 dbu contour, see attached contour study. This new KACG site is on a currently existing structure (railroad signaling truss used as a sign for The Goldfield Stop Inn) and all requisite broadcasting equipment including a transmitter and antenna is on hand and ready for operation. The licensee will be filing a construction permit in the future to make this STA site a permanent licensed main antenna site.

The public interest would served by granting this STA request as KACG is one of very few signals in this rural part of Nevada.

Technical Parameters of this STA site:

Coordinates (NAD83): 37-42-35.4 N. Lat.; 117-14-23.8 W. Long

Ground Elevation: 1733 meters AMSL

Structure total height: 11 meters AGL

Antenna COR Height: 11 meters AGL; 1744 meters AMSL

Antenna: Armstrong FMA-707-1; One Bay Circularly Polarized Non-Directional Antenna

Antenna Gain: 0.5

Effective Radiated Power: 20 watts

Coax Line Loss: 92.66% or 0.9266

Transmitter Power Output: 43.2 watts

The Licensee here requests a 6 month Engineering STA to return the KACG operation to air This will allow time to file a permanent CP to eventually license this new site as the permanent KACG site.