

EXHIBIT 16

CRITICAL HOURS STUDY

An abbreviated study was made of the critical hours protection for Class A station KFI, Los Angeles, CA. A point was chosen on the median approach from the KFI 0.1 mV/m groundwave contour on a bearing of 260° T (255°T to 265°T). to the WMFN transmitter site location. The distance from the 0.1 mV/m KFI groundwave contour to the WMFN transmitter site is 2541.4 kilometers or 1579.2 miles.

For the frequency of 640 kHz, the factors for use of Figure 9 and Figure 10 in §73.190 are as follows:

Maximum Allowable Field for 260°:

$(0.72 \times 7000) + (0.28 \times 3100) = 5908.0 \text{ mV/m @ 1 mile or } 9508.0 \text{ mV/m @ 1 kilometer.}$

Since the proposed WMFN operation on no bearing exceeds 747.7 mV/m at one kilometer, or approximately less than 1/10 of the allowable radiation, full protection is inferred towards KFI.

A complete listing of all bearings showing protection towards KFI will be supplied upon request.