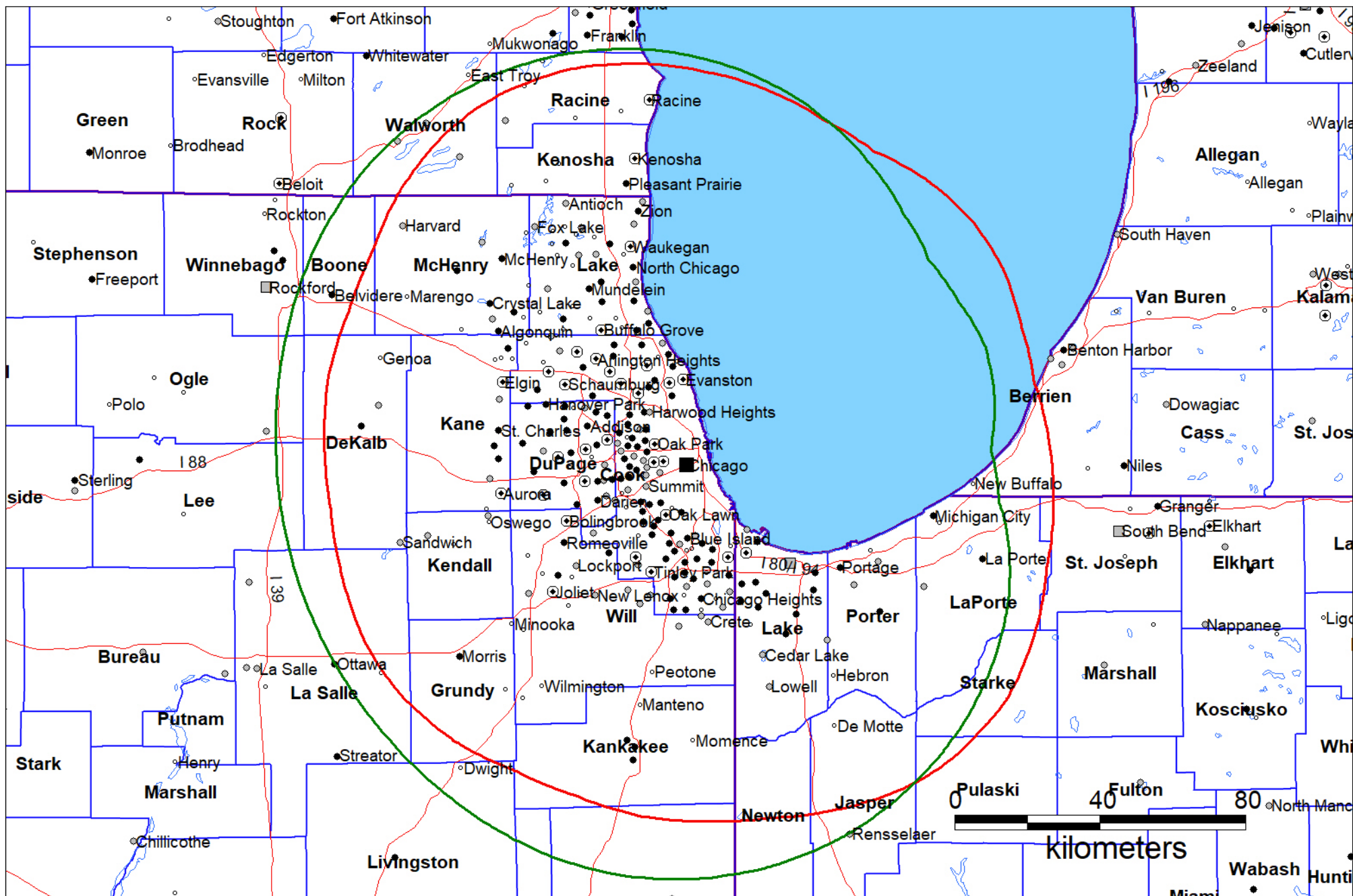


STA Justification and Engineering Statement
WFLD Channel 24 Chicago, IL
October 4, 2019

As a result of the now concluded Incentive Auction, WFLD is being repacked from channel 31 to channel 24. WFLD is located on the Willis Tower and is one of seven stations at this site being repacked in Phase 6. The repack required replacement of the existing antennas that in turn requires significant structural work to the building itself. Due to the lengthy delay in the required site work, WFLD previously requested and was granted an extension of its Construction Permit. In order to meet the Phase 6 deadline for transitioning to its Repack channel 24, WFLD is now requesting Special Temporary Authority (STA) to operate on its new channel (24) utilizing an existing master antenna located on the East Tower of the building now named 875 North Michigan Avenue (previously The John Hancock Center). Previously, WFLD requested and was granted a STA to operate on its pre-repack channel 31 also from the 875 North Michigan Avenue site.

In order to maintain as much service as possible from this temporary location without causing any new interference above the allowable limit, WFLD is requesting an effective radiated power (ERP) of 737 kW. At this power level no new interference above the allowable limit will be caused; however, there will be some contour excursion to the east compared to the current WFLD construction permit. A plot showing the contour excursion is provided below. In view of the fact that no new interference is created, it is believed the contour excursion should be permitted and the STA should be granted.

William R. Meintel
Senior Partner
Meintel, Sgrignoli, & Wallace, LLC



Predicted Noise Limited Service Contours

WFLD Chicago, IL - Channel 24

Construction Permit at Willis
1,000 kW

East Tower Master Antenna at Hancock
737 kW