

**ke9ns**

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**From:** Lindi Harron <lindi.harron@utc.org>  
**Sent:** Wednesday, November 08, 2017 8:58 AM  
**To:** ke9ns@ke9ns.com  
**Subject:** UTC: PLC Amateur Radio Application - APPROVED

November 8, 2017

Dear Darrin Kohn (ke9ns),

We apologize for the delay, this notice is being provided to approve your proposed amateur radio station in the 472.0 - 479.0 band(s) at the following coordinates: 42° N 0' 34", 88° W 11' 42". UTC has determined that your proposed amateur radio station would not operate within a horizontal distance of one kilometer from a transmission line that conducts a power line carrier (PLC) signal in the 472.0 - 479.0 bands.

An amateur operator must not operate an amateur station if UTC responds that the proposed amateur station is located within 1 km of a transmission line with a PLC system that operates on the same frequency or frequency range. Amateur operators are advised that their operations within 1 km of a PLC system could cause interference to PLC systems that are used by electric utilities to protect their electric transmission systems against faults and electrical outages. Interference from amateur operations could affect the operation of PLC systems, thereby affecting the reliability of electric utility operations. As such, amateur operators are advised not to operate any amateur stations within 1 km of a transmission line with a PLC system that operates on the same frequency or frequency range, and amateur operators will be subject to FCC enforcement for unauthorized operations, as well as potential legal liability for damages that result from interference caused by amateur operations to PLC systems.

Please direct any questions to the undersigned.

Mike Etzel  
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202-833-6839