

Justification and Showing for §90.205

This exhibit describes the purpose for the UHF YG system proposed for the Counties of Los Angeles, Ventura, San Bernardino, Riverside, Orange and San Diego, California, and shows the reasons for mobile radii requested in excess of the standard 32 kilometers.

The proposed system will be operated in connection with the National Science and Technology Network system, which operates in the UHF and T-Band spectrum in the same areas. It asks exclusively 6.25 kHz channels, and will be based on the Icom IDAS protocol, which uses only FB6 stations (capable of monitoring before use). The system will not have control stations, as it will be controlled, interconnected and trunked over IP.

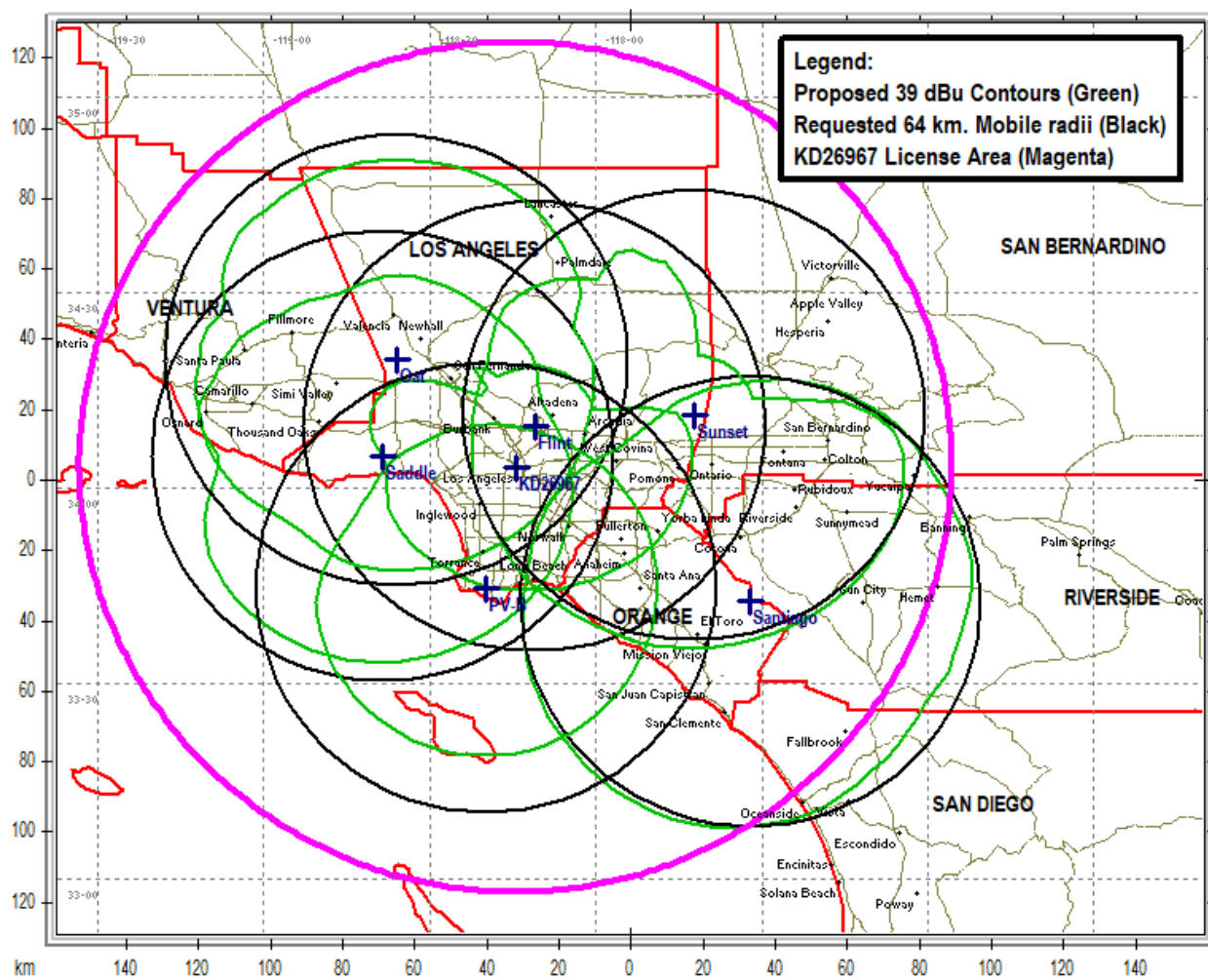
Due to the large system area, each of the six proposed mobile locations requires a 64 kilometer radius, which is drawn in black on the accompanying plot along with the 39 dBμ F(50,50) contours (in green) for each of the six proposed locations. One of the associated call signs, KD26967, will be an integral part of the proposed system and is licensed for a 121 kilometer radius from a point in Los Angeles; its operational radius is also shown on the plot.

None of the proposed 39 dBμ contours exceeds the requested radii or the six-county operational area, which includes the radius of the associated KD26967. Should there be any questions about the proposed system, please contact Peter Moncure (PMoncure@gmail.com) directly.

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Showing for Proposed IDAS Multitrunk Multisite System