

Request for Renewal of Experimental Authority

Skycast Services requests renewal of station license call sign WI2XER in accordance with Sections 5.59 and 5.71 of the FCC's rules. 47 C.F.R. §§ 5.59, 5.71. Since the last application covering this license was filed, experimental operations at the Farmingville, NY location have been discontinued and can be removed from the license. All other licensed parameters will remain the same, including the need for a continuing waiver of the station identification requirements of Section 5.115 of the Commission's rules.

Grant of renewed authority would be consistent with the Commission's Part 5 framework, including the experimental activities permitted by Section 5.3 of the Commission's rules, and indeed holds promise for significant scientific advancements that could justify the Commission's eventual development of a new international, wideband HF transmission service. Among other things, the renewed authorization would continue to be used for: (i) scientific or technical radio research; (ii) technical demonstrations of equipment or techniques; and (iii) the development of radio technique, equipment, operational data, and engineering data. 47 C.F.R. §§ 5.3(a), (e), (j).

Grant of the requested renewal authority will enable Skycast to continue to pursue significant advancements in the state of telecommunications technology specifically in the domain of wideband HF and therefore would serve the public interest generally and the intent of the Commission's Part 5 framework specifically.

The experimentation to date has enabled Skycast and its partners to enhance wideband HF technologies and services, which enriches the state of the art for the ionospheric radio community. Skycast requires additional time to complete the program of testing and development of this technology, with a view toward identifying a spectrum allocation and service rules that would accommodate these services. Skycast requests an extension of the license term for three years, which is the period required to complete the program of experimentation.