

**Datron World Communications, Inc.
Request to Renew Experimental Authorization
WF2XRU**

**DESCRIPTION OF RESEARCH PROJECT AND
REQUEST FOR LICENSE RENEWAL**

Datron World Communications, Inc. (“Datron”) hereby submits the attached application to renew its experimental authorization for station WF2XRU for a period of two (2) years to operate portable and mobile (vehicular) radios in the bands 144-150.5 MHz, 400.15-520 MHz and 762-870 MHz.^{1/} Datron hereby provides this statement describing the program of research and experimentation proposed, the specific objectives sought to be accomplished and how the program of experimentation has a reasonable promise of contribution to the development, extension, or expansion of the radio art, or is along lines not already investigated.

Established in California over 30 years ago, Datron World Communications is a key global supplier of HF/VHF tactical communications equipment and APCO Project-25 subscriber radios for the public safety arena. Datron is developing its Guardian II Series of portable and mobile radios for use in the public safety sector. The radios are also expected to be compliant with applicable APCO Project-25 standards. Datron seeks renewal of its authority to test these radios in advance of seeking equipment approval, a process that Datron expects will require two years. Testing will be conducted in and around Datron’s facilities in Vista, California. Because of the critical nature of the public safety communications that these units will support, extensive testing is necessary.

Datron recognizes that its authorization will be issued on a secondary basis only and that it must not cause harmful interference to licensed users. The units that Datron proposes to test are comparatively low power and unlikely to cause interference to others. In addition, Datron’s use of the frequencies will continue to be episodic in nature – rarely lasting for more than several days at a time (albeit over a period of two years). Nevertheless, in an abundance of caution, Datron will continue to monitor the use of the bands for which it seeks renewed authorization prior to testing.

Based on the foregoing, grant of the associated renewal application will serve the public interest and the FCC is asked to grant the application promptly. If there are any questions related to this application, the FCC is asked to contact Russell H. Fox of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. at 202.434.7483 or Rfox@mintz.com.

^{1/} The Commission’s grant of WF2XRU may be viewed at the FCC’s Office of Engineering and Technology (“OET”) database website at: <https://apps.fcc.gov/els/GetAtt.html?id=117962&x=>. Datron notes that an application requesting modifications to the WF2XRU authorization is being filed concurrently with this request for renewal and that when the authorization for station WF2XRU is renewed, the parameters reflected in the application for modification should be reflected.