

**TRELLISWARE TECHNOLOGIES, INC.
FORM 442 NARRATIVE STATEMENT**

Product Description, Purpose of Operation and Need for Experimental License

TrellisWare Technologies (“TrellisWare”) currently designs, builds, and supports multiple radios and waveforms for the DoD and public safety markets. These radios and waveforms are built around TrellisWare’s Barrage Relay Networking technology which enables improved performance and efficiency in complex RF channels. TrellisWare is currently licensed to conduct experimental transmissions at several frequencies in the UHF band for the purpose of conducting testing for product applicability to legacy Digital Mobile Radio (DMR) waveforms.

TrellisWare is respectfully requesting a renewal to this existing license. (WO2XXB)

Public Interest Statement

TrellisWare submits that issuance of the requested experimental license will serve the public interest, convenience and necessity. The radios will contribute to the expansion of services to: (a) government & defense; (b) first responders, and (c) commercial customers by providing backwards compatible communication solutions with legacy radios already owned and operated by these entities while providing them a radio that can be upgraded to include more advanced waveforms which can improve robustness and throughput.

Grant of the requested experimental license will enable TrellisWare to conduct necessary testing and product development that will ensure that the subject radios are properly designed so that they will be operational at the highest level of efficiency when used by its government & defense, first responder, and commercial customers.

Restrictions on Operation

TrellisWare also understands that the proposed experimental operation must not cause harmful interference to authorized facilities or operations. TrellisWare does not anticipate any interference issues. In the unlikely event that any interference occurs, TrellisWare will immediately take steps to resolve the interference, including discontinuing operation, if necessary. TrellisWare proposes to label the subject radios with the following information:

FCC Statement

Permission to operate this device has been granted under experimental authority issued by the Federal Communications Commission, is strictly temporary and may be cancelled at any time.

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth in the instant application.

(2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

Stop Buzzer Contact

"Stop Buzzer" contact is Jon Penner. Mr. Penner can be reached at (858) 753-1658 and shall be available during testing to cease operations in the event of any interference.