

From: Bandele Adepoju

To: Doug Young

Date: July 15, 2015

Subject: Request for Info - File # 0407-EX-PL-2015

Message:

Applicant: Wireless Seismic, Inc
File Number: 0407-EX-PL-2015
Correspondence Reference Number: 28522
Date of Original Email: 06/26/2015

You have requested confidentiality for the entire application. As a matter of policy, we will not withhold from public any information necessary for interference mitigation. This includes applicant name, contact info, location, frequency and power. If there is nothing in the form itself that cannot be released to the public, state this.

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Wireless Seismic has no objection to the release of the completed and submitted Form 442 – New License/Modification of License, including all its contents, to the public.

The confidentiality request form you submitted is not applicable to experimental licensing. You must separate out all confidential material from the rest of the application, submit the confidential information in exhibits separate from the non-confidential information and submit an item-by-item justification for the confidentiality request to answer the nine subsections of Part 0.459(b) of the FCC's rules. All non-confidential material must be viewable by the public, including the confidentiality justification.

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A file to address this matter has been added to OET Experimental Licensing System attachment filing for 0407-EX-PL-2015

Is the treatment of the equipment in this request similar to that of your previous requests in 0525-EX-PL-2015 and 0077-EX-RR-2013? Will the equipment be retrieved at the end of the test? Who will be the point of contact (with phone number) to terminate transmissions if interference occurs?

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The treatment of the equipment in this request would be similar to that of the previous requests in 0525-EX-PL-2015 and 0077-EX-RR-2013.

The equipment be retrieved at the end of the test

The point of contact (with phone number) to terminate transmissions if interference occurs: Steve Kooper, VP

What is the justification for the large number of units? Why is a three-year license necessary before equipment approval?

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Wireless Seismic is a designer and manufacturer of specialized equipment for the 15.247 marketplace. The equipment is wireless telemetry for geophones used in oil and gas exploration and involves equipment placed on the ground next to each geophone in arrays that often include a network of units in a system that number in quantity in the 100s. The key issue in testing is that the whole network performs as intended in all terrains. Wireless Seismic, Inc., expects to be continually upgrading the design of its product of the next 3 years. While most 47 CFR 15.247 equipment, such as Wi-Fi and Bluetooth units, can reasonably be tested for performance in one or two locations, the geophone telemetry units that Wireless Seismic, Inc., is designing must work, under

extreme conditions, in isolated areas where oil and gas exploration is typically being done. Thus, since a modification of the unit can not be legally tested outdoors prior to equipment authorization without a Part 5 Experimental License, the 3 year duration is to allow for continual product improvement and retesting.

Conversely, the nature of these isolated area tests also means essentially no interference risk to authorized licensed or unlicensed systems.