

Supplementary Information for Applications of Wireless Seismic, Inc.

This application is for continuing testing of the same devices that were granted an STA recently” -- Call sign WE9XOP, File 0506-EX-ST-2010. This license will be used for testing preproduction Part 15 equipment and for testing modification to production equipment before they are adopted and approved in the FCC’s equipment authorization process. This license is not needed until the expiration of the STA on April 29, 2011.

Wireless Seismic, Inc. is in the final stages of development of a product that will support the oil and gas surveying industry. The product is a wireless system that will send data from geophones used to record acoustic reflections off underground layers to determine the presence of energy resources. Presently wired connections are generally used for transmitting such data from dispersed geophones to a central location.

The new RT1000 device is designed to comply with 47 CFR §15.247 and will soon be sent for equipment authorization. Wireless Seismic wishes to test this device prior to such authorization in typical deployments to confirm its operational capability. Since real deployments require large numbers of geophones spread over a large area, we are requesting authorization for up to 2000 units. These will not be sold or used to provide revenue under this STA.

Wireless Seismic requests authority to use this equipment anywhere in the 50 states so it can be used in typical locations. However, to avoid any question of impacting other §15.247 equipment, such as Wi-Fi or Bluetooth, use under this STA will only be in rural areas and will be at least 200m from any buildings. Note that this equipment will actually be operated on the ground with only a few inches of antenna height.

Wireless Seismic has no objection to a condition for SBE coordination of this experimental equipment since it overlaps a Part 74 band.