

EXHIBIT 1

NATURE OF PROJECT

The nature of the research project is seismic exploration to render the most accurate possible graphic representation of specific portions of the Earth's subsurface geologic structure. The images produced allow exploration companies to accurately and cost-effectively evaluate a promising target (prospect) for its oil and gas yielding potential.

Wavefield AIM ("Wavefield") would like to use WiMAX technology to enable inter vessel communication during the acquisition of a Wide Azimuth marine seismic survey. Wavefield would have 5 vessels operating. The "base station" vessel would be equipped with a WiMAX base station and the other "remote terminal" vessels equipped with WiMAX CPE equipment. There is a high cost of operating 5 vessels offshore simultaneously, to accomplish the WAZ seismic acquisition all 5 need to have continuous inter vessel data communications.

Therefore, it is crucial to have a reliable form of communications between vessels. The utilization of other frequencies and communication facilities are inadequate because the chance of interference in the 2.4GHz bands is too high, there is not enough bandwidth in the 902-928 MHz band to link the 5 vessels, the spreading losses in the 5.8 GHz band are too high, and the FCC unlicensed band EIRP limits would not provide an adequate range at sea with typical ship antenna heights.

In addition, Wavefield does not have access to the satellite communications systems employed by other entities doing this research nor does it have the capital to fund a satellite system. As a result, the WiMax communications system proves to be an excellent solution and meets the necessary technical requirements.

As a result, Wavefield request the Commission grant the attached application for an experimental authorization to allow Wavefield authority to utilize WiMAX technology in the Gulf of Mexico during its seismic exploration surveys.