

Statement #6

Nature of the Research Project: The Labrador program invents and develops methods for locating and identifying radio frequency signals using a distributed system of devices. In Phase II, General Dynamics, Ticom Geomatics, and Rincon Research will mature and demonstrate methods developed in Phase I by performing further risk reduction, demonstrating the system running in real time, and performing testing and demonstrations in environments representative of intended operation.

Necessity of communication facilities: Project requires communication between collaborating software-defined radios to locate and identify radio frequency sources of interest. Permission to use the specified communication frequencies is sought.

Existing communication bands are inadequate based on the communication capability of the equipment, and the frequency authorizations sought here are necessary.