

Raytheon Missile Systems
Experimental License Renewal WB2XGA
File Number: 0235-EX-RR-2009

Exhibit 1 – Explanation of Continuing Experiment

Background: Raytheon Missile Systems previously had a contract with DARPA/STO in Arlington, VA for the development and testing of a noise correlation radar system. Since the original license was granted in 2000, Raytheon Missile Systems research project has continued. At this point, DARPA is no longer the exclusive customer for this research, and the research that Raytheon Missile Systems has been doing has resulted in the need for additional internal Independent Research and Development which Raytheon is undertaking on its own for purposes of developing future products for its DOD customers.

Purpose: The purpose of the ongoing experimentation will be further development and integration of a noise correlation radar system and its testing and validation. This license is necessary for Raytheon Missile Systems to meet research and development needs for future systems.

Since the current research includes work that is both internal to Raytheon and for various DOD customers, Raytheon is requesting that it be permitted to continue operations under this license without that operation being tied to the previous DARPA contract.

All aspects of the technical operation of the system remain the same, and all operations remain at the same locations as those that are currently licensed. Details of the technical specifications are set forth in detail in Exhibit 1 to the original application filed for this license 0005-EX-PL-2000.

For further information about this renewal request, please contact Anne Linton, 202-530-8583, alinton@wfsllc.biz or Tom Fagan, 520-794-0227, tjfagan@raytheon.com.