

## EXHIBITS FROM RINCON RESEARCH CORP.

### EXPERIMENT DESCRIPTION: QUESTION 7:

Rincon Research Corp. is applying for an Experimental Program License. By its nature multiple programs are envisioned whose exact nature is not known at the present time. We understand that the details are to be described as provided for in 5.309 Notification Requirements.

Projected areas of research at the present time include:

- 1) Antenna design and testing (including adaptive phased arrays)
- 2) Swarm tracking concepts. E.g., precision tracking of mobile unites using GPS aided by references distributed via data links between mobiles.
- 3) Interference monitoring and geolocation using distributed stations.
- 4) Low-detectable sensor arrays
- 5) Very high data rate communications at millimeter wave and above
- 6) Ground-based simulation of airborne and UAV communication links.