

## DESCRIPTION

Raytheon Company, Intelligence and Information Systems (IIS) Division (“Raytheon”) respectfully requests authority to operate a 3.8 meter, C-band transmit/receive earth station located on Kunia Naval Station, Oahu, Hawaii. As described below, the operation of this earth station will serve the interests of the public in general, and specifically those of the U.S. Government, pursuant to a government contract, to provide an U.S. Government Agency with communications capabilities between the United States and countries of Southwest Asia. This U.S. Government Agency is directly supporting U.S. Department of Defense (DoD) actions and activities in the countries of Southwest Asia.

The 3.8 meter earth station will communicate via the Agila 2 satellite, located at 146 degrees East Longitude, between Hawaii and Southwest Asia. The earth station will not be operated by remote control and does not require coordination because it will operate in the United States in unshared, standard C-band spectrum, and it complies with Section 25.209 of the Commission’s rules. The antenna will be installed and operated on Kunia Naval Station, Oahu, Hawaii. The antenna will be mounted on the ground and therefore poses no Federal Aviation Administration (“FAA”) concerns.

A radiation hazard report for the proposed new earth station has been submitted with this application. Raytheon took steps to ensure that the operation of the VSAT earth station complies with applicable radiation requirements. The antenna is located on Kunia Naval Station, thereby restricting the general public from exposure. To ensure that operational personnel are not exposed to harmful levels of radiation, Kunia Naval Station has erected a barrier around the earth station and posted warning signs to alert persons in the vicinity of the potential hazard. Such barriers restrict access within a distance that is at least three times the diameter of the respective earth station (*e.g.*, for the 3.8 meter earth stations, the barrier will be placed at least 11.4 meters from the antenna).