Before the

Federal Communications Commission

Washington, DC 20554

In the Matter of )

)

Secondary Use of the 24.25 – 24.65 GHz Band ) RM-11819

For Radiolocation Services )

COMMENTS IN SUPPORT OF PETITION FOR RULEMAKING

In-Q-Tel has reviewed and submits this letter in response to the Consumer & Governmental Affairs Bureau’s Public Notice dated October 30, 2018 (RM-11819), seeking comment on a petition for rulemaking filed by Echodyne Corp. to allow secondary use of the 24.45-24.65 GHz frequency band for radiolocation services. IQT agrees that the FCC should take steps to authorize radiolocation services in the band as soon as possible.

In-Q-Tel is the non-profit strategic investor that accelerates the development and delivery of cutting-edge technologies to U.S. government agencies that keep our nation safe. Our areas of focus include UAS detection, security and surveillance.

Our group has been working with Echodyne to assess the capabilities of its low-power, low-cost, small radar that operates in the 24.45-24.65 GHz band. Potential uses of Echodyne’s radar include UAS Traffic Management; UAS detection at airports, prisons, and other sensitive sites; and ground perimeter surveillance. We believe the Echodyne radars hold great promise for detecting unmanned aircraft and other moving objects more efficiently and more economically than other existing solutions. Improving our ability to detect and identify unmanned aircraft will enhance national security.

We therefore write in support of Echodyne’s petition for rulemaking and recommend that the FCC move quickly to make the frequencies available for radiolocation uses that serve the national security interests.

Respectfully Submitted,

Stephen Bowsher  
 Managing Partner, In-Q-Tel

November 28, 2018