

## EXHIBIT

This request for special temporary authority ("STA") is related to an STA request (FCC File No. 0568-EX-ST-2012) filed by Universities Space Research Association ("USRA").

In its STA request, USRA sought authority to operate an Iridium satellite phone that it will host on a picosatellite in low earth orbit. The satellite phone will transmit from the picosat to space stations in Iridium's "Big LEO" constellation. The transmissions are part of an experiment that will demonstrate the feasibility of using satellite phone constellations to communicate with small satellites in low earth orbit.

In this STA request, Iridium seeks authority, in connection with the experiment, to transmit from its space stations to USRA's picosat in the 1618.725 - 1626.5 MHz band. The technical characteristics of these transmissions will be identical to the technical characteristic of Iridium's already-licensed space station transmissions in the 1618.725 - 1626.5 MHz band.<sup>1</sup> The only change from Iridium's licensed operations is that Iridium will be adding the picosat as a point of communication. Iridium's space station license does not cover intersatellite communications in the 1618.725 - 1626.5 MHz band.

USRA's picosatellite will be in orbit no more than a few weeks. In light of uncertainties as to when the picosatellite will be launched, however, Iridium is requesting a term for its STA that covers various possible launch windows.

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<sup>1</sup> Iridium's space station constellation is licensed under Call Sign S2110. Because Iridium will be operating under the requested STA in accordance with the parameters of its license, no operating parameters were used in the form that this exhibit accompanies.