

## Proposed Operations

The University of Alaska Fairbanks (UAF) respectfully submits that it is in the public interest to grant UAF the authority to operate transmit/receive earth stations transmitting in the 2042 – 2052 MHz band (“S-band”).

UAF seeks authorization to transmit in the S-band for purposes of communicating with Earth Exploration Satellite Service (“EESS”), NGSO earth imaging satellites. The stations will also receive at 8072.5 – 8371.2 MHz (space-to-earth) frequency bands. UAF understands that these bands are not protected from current and future Federal terrestrial and earth station transmitters and does not request protection for the downlink of these frequency ranges from those users.

The proposed UAF earth stations will be located near existing and licensed S-band earth stations operating in the EESS, Call Sign E970270, SES-RWL-20070831-01192.

UAF feels that the S-band earth stations proposed in this application will operate without conflict much like the existing EESS earth stations licensed under Call Sign E970270.