

EXHIBIT IN SUPPORT OF REQUEST FOR SPECIAL TEMPORARY AUTHORITY

L3Harris Technologies, Inc. (“L3Harris”) hereby respectfully requests special temporary authority (“STA”) to operate an earth station in order to assist and to support the Federal Aviation Administration (“FAA”), pursuant to the attached parameters and at the below address:

QMM RCAG
24480 W. Saddle Peak Road
Malibu, CA 90265

L3Harris is prime contractor on the FAA Telecommunications Infrastructure (“FTI”), which carries FAA communications to/from approximately 5,000 FAA facilities, both terrestrially and via satellite systems. In light of certain loss of service to the FAA facility in Malibu, California (“QMM-RCAG”) following the California wildfires earlier this year that destroyed the FAA Remote Communications Air to Ground (“RCAG”) facility, the FAA has determined that the loss of the primary path of RCAG communications may increase risk to the National Air Space. In order to reduce any such risks to the safety of the flying public, the FAA has asked L3Harris to take immediate steps to mitigate the impact of this communication loss, especially in the context of any outage of backup equipment or main and secondary lines at any of the several other supporting facilities.

The proposed STA request is for ninety (90) days of temporary C-Band uplink transmission (“Tx”) for a total bandwidth of 200 kHz of space segment – or approximately 100 kHz on either side -- of the proposed uplink center frequency of 6361.34 MHz via satellite SES2 transponder 21C. (Other links relevant to this effort will be handled by existing systems that do not require FCC STAs.) The requested C-Band space segment exists within the current operating spectrum of the FAA network of fifteen (15) existing remote C-Band sites and is above the FCC-mandated 5G spectrum. L3Harris also has communicated with SES-SD with regard to the proposed transmissions.

L3Harris will complete a frequency coordination for the proposed FAA QMM-RCAG site. Also attached is a summary of the proposed look angle and the link budget as provided by SES-SD (albeit streamlined to be specific to the uplink transmission facility proposed pursuant to this STA request).