

REQUEST FOR EXTENSION OF SPECIAL TEMPORARY AUTHORITY

L3Harris Technologies, Inc. ("L3Harris") hereby requests an extension of the FCC Special Temporary Authority ("STA") originally granted to L3Harris on September 13, 2021¹ under FCC File No. SES-STA-20210914-01569 to operate 2.4m Flyaway C-Band terminal at the Galliano, LA heliport to facilitate continued critical air traffic communications for the FAA. L3Harris requests an extension of **thirty days** from the existing STA expiration date of October 12, 2021. Pursuant to FCC guidance, L3Harris has requested a C-Band coordination study for the Galliano, LA 2.4m Flyaway C-Band terminal from Micronet Communications, Inc. The initial C-Band coordination was issued on the afternoon of Friday October 8, 2021 and is attached hereto.²

As noted in the original STA request, L3Harris³ has deployed a temporary fixed Prodelin 2.4m C-Band terminal at the Galliano, LA heliport in order to support FAA Air Traffic Control operations. Specifically, as a result of damage from Hurricane Ida, existing FAA terrestrial communications transmitting voice and data traffic to the FAA Houston Air Route Control Center and the New Orleans airport (MSY) were rendered inoperable, requiring L3Harris to temporarily deploy a Prodelin 2.4m C Band Flyaway antenna system at the Galliano, LA heliport to carry voice and data traffic back to the FAA Houston Air Route Control Center and the New Orleans airport (MSY). Deployment of the 2.4m Flyaway C-Band terminal is allowing critical air traffic communications to be uplinked via the L3Harris satellite network back to the FAA Houston Air Route Control Center and the New Orleans airport (MSY) until the existing terrestrial system can be repaired and/or replaced.

At the present time the FAA terrestrial communications have not been restored, necessitating this thirty day STA extension request. L3Harris will continue to comply with all "Conditions of STA Grant" as initially issued.

L3Harris submits that a grant of this STA extension request will serve the public interest because it will assist the FAA's mission of ensuring flight safety.

¹ As noted in the attached "Emergency STA Conditions of Grant" document, the initial STA request was verbally granted on September 13, 2021.

² See attached "Galliano, LA C-Band Coordination Datasheet"

³ L3Harris Technologies, Inc. serves as the current FAA Telecommunications Infrastructure contractor