

Applicant: Universal Space Network, Inc.  
No Call Sign  
File No.: SES-STA-20210809-01355

Special Temporary Authority (“STA”)

Universal Space Network Inc. is granted special temporary authority for 30 days, beginning October 20, 2021 through November 19, 2021, to operate its 13-meter fixed earth station antenna located in Naalehu, HI to provide LEOP services for the GSO satellite Syracuse4A in order for this satellite to reach permanent orbital location 46°E on center frequency for primary TT&C functions on 2053.46 MHz (Earth-to-space) and 2230 MHz (space-to-Earth) and for secondary TT&C functions on 2054.56 MHz (Earth-to-space) and 2231.2 MHz (space-to-Earth) under the following conditions:

1. All operations shall be limited to provide Launch and Early Orbit support of the Syracuse4A spacecraft on its way to geosynchronous parking position at 46°E.
2. Universal Space Network, Inc remote control phone number for operations, 215-328-9130, should be available, during any operations under the authorization of this STA.
3. Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Universal Space Network, Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
4. In the event of any harmful interference as a result of operations under this grant of STA, Universal Space Network, Inc. shall cease operations immediately upon notification of such interference and shall immediately inform the Commission, in writing, of such an event.
5. Operations shall not exceed parameters as frequency coordinated.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Universal Space Network, Inc.’s own risk.
7. Current 24/7 USN’s point of contact for operation is Joanne Greet at phone: 1-215-328-9130 and must be available while the frequencies are in use.
8. The licensee shall, at all times, take all necessary measures to ensure that operation of this authorized earth station does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in the updated 47 CFR §§ 1.1307(b)(4) and 1.1310, <https://docs.fcc.gov/public/attachments/DA-21-363A1.pdf>. Physical measures must be taken to ensure compliance with limits for both

occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers, <https://docs.fcc.gov/public/attachments/DA-21-363A1.pdf>

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective immediately.