Applicant: Intelsat License LLC, as debtor-in-possession Call Sign: None File Number: SES-STA-20210303-00424 Special Temporary Authority ("STA")

Intelsat License LLC, as debtor in possession ("Intelsat"), was granted Special Temporary Authority for 30 days, commencing March 11, 2021, to operate a Kymeta u8 (.82m flat-panel) Ku-band antenna to communicate with Galaxy 18 (S2733), Galaxy 11 (S2253), Intelsat 37e (S2972), and SKY-B1 (S2922) to test the antenna. at Intelsat's Hagerstown, Maryland teleport and while in motion on a terrestrial vehicle in Maryland, Virginia, North Carolina, South Carolina, Georgia, and Florida. Operations will be performed in the following frequency bands: 14000-14500 MHz (Earth-to-space) and 11700-12200 MHz (space-to-Earth) within the parameters and conditions authorized in the license for call sign E170070 and under the following conditions:

1)Operation of this antenna must avoid the possibility of persons entering regions of Non-Ionizing radiation in excess of the limits established by the offices of Science and Technology Bulletin, Number 65, October 1985, which specifies that the maximum level of Non-Ionizing radiation that a person may be exposed to over a six minute period is an average power density equal to 5 mW / cm^2. In this case 75 meters.

2)Operations of this antenna may not cause interference to any other radio receiver operating in these bands.

3) Intelsat shall take all necessary measures to ensure that antenna in operation does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/ controlled 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 <u>www.fcc.gov/oet/rfsafety</u>) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alert signs and protective equipment for workers.

4) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat's risk.

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