

Applicant: Alaska Communications Internet, LLC
Call Sign: E170205
File Number: SES-STA-20201124-01268
Special Temporary Authority (“STA”)

Alaska Communications Internet, LLC (“Alaska Communications Internet”) is granted STA for 60 days to operate a 3.8 m General Dynamics model 1385 antenna at 61° 31’ 40”N/166° 06’ 22.5”W in Hooper Bay, AK. Operations will be on frequency bands 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) to communicate with Eutelsat 115WB (Call Sign S2938) at orbital location 114.9° W under the following conditions:

1. Operations will not exceed input power at antenna flange of 40W, total eirp for all carriers of 62.2 dBW, and associated eirp density per carriers.
2. Operations shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station, and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
3. Operations must not transmit with minimum antenna elevation angles of less than five degrees, measured from the horizontal plane to the direction of maximum radiation, in a frequency band shared with terrestrial radio services or in a frequency band with an allocation to space services operating in both the Earth-to-space and space-to-Earth directions pursuant to 47 C.F.R. § 25.205 minimum antenna elevation angles.
4. Grant of this special temporary authority is without prejudice to future FCC action on any of Alaska Communications Internet’s applications.
5. Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector.
6. The licensee shall take all necessary measures to ensure that the antenna 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 exposure and for general population/uncontrolled exposure, as defined in these rule sections. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) 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.

7. Any action taken or expense incurred as a result of operations pursuant to this authority is solely at Alaska Communications Internet'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.